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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2
STANTON AAF, TONGSO RI, KOREA. REVISED UNIFORM SUMMARY OF SURFA--ETC(10)
MAR 81

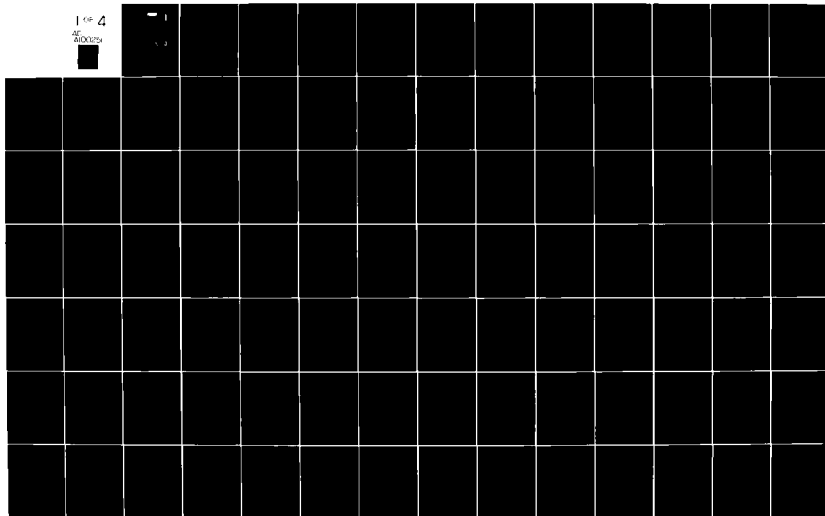
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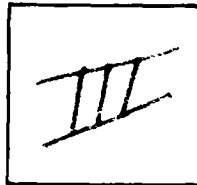


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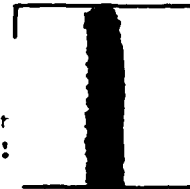
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USAFETAC
Air Weather Service (MAC)

FL 4414
SCOTT AFB, IL 62225

6 MAR 1961

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

STANTON AFB KO WBAN #43244
N 37 47 E 126 51 FLD ELEV 90 FT AKON ZMC #

PARTS A-F
FOR FROM HOURLY OBS: MAR 68 - DEC 70, JAN 73 - FEB 80
FOR FROM DAILY OBS: MAY 53 - OCT 73, FEB 74 - FEB 80
TIME CONVERSION GMT TO LST: +9

MAR 13 1961

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ADL 152 074

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/046	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Stanton AAF, Tonggo Ri, Korea		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Stanton AAF, Tonggo Ri, Korea It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* Korea
** Stanton AAF, Tonggo Ri, Korea
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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DATA PROCESSING DIVISION
UNAFETAC OL-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE DATA NOT AVAILABLE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS:

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY 00-02, 03-05, 18-20, 21-23.	APRIL 00-02, 03-05, 18-20, 21-23	JULY 00-02, 03-05, 18-20, 21-23	OCTOBER 00-02, 03-05, 18-20, 21-23.
FEBRUARY 00-02, 03-05, 18-20, 21-23	MAY 00-02, 03-05, 18-20, 21-23	AUGUST 00-02, 03-05, 18-20, 21-23	NOVEMBER 00-02, 03-05, 18-20, 21-23.
MARCH 00-02, 03-05, 18-20, 21-23	JUNE 00-02, 03-05, 18-20, 21-23	SEPTEMBER 00-02, 03-05, 18-20, 21-23	DECEMBER 00-02, 03-05, 18-20, 21-23.

The hourly sections of this summary were produced using data for less than 24 hours observations per day for most of the period of record. The period of record and observation count per page reflect these reduced number of observations. The result is a summary biased toward those hours for which observations were available for the entire period of record. Therefore, the hourly "ALL", "TOTAL" and "DEVIATION" summaries should be disregarded or used with extreme caution. In this respect, the hourly sections are a summary of specific hours only and not a true RUSSWO. Suspect pages are identified by a red stamp.

"USE WITH CAUTION

SEE FRONT PAGE"

The daily data sections are not effected.

STATION NO OR SUMMARY 43244	STATION NAME Stanton AAF, KO	LATITUDE N 37 47	LONGITUDE E 126 51	FIELD ELEV (FT) 90	CALL SIGN RKSR	WMO NUMBER
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	TONGGO RI KOREA, STANTON AAF	A	Apr 1953	Dec 1980	37.47N	126.51E	90	95	14

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 1953	Located on Control Tower	AN/GMQ111	None	70	None

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

WEATHER CONDITIONS

STATION NAME

YEARS

JAN
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN.	0-321												
	3-25												
	6-18		1.1		3.4		3.4	13.4	20.7			36.8	718
	9-11		1.4		3.2		7.5	14.6	32.7			47.3	773
	12-14		2.4		6.9		9.2	8.2	24.3			33.6	736
	15-17		3.6		3.5		3.3	2.7	16.4			19.	641
	18-20												
	21-23												
TOTALS			2.1		6.0		7.9	10.2	23.5			33.6	2835

WEATHER CONDITIONS

STANTON AAF KS
STATION NAME

69-72,73-80 YEARS

FEB
MONTH

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02												
	03-05												
	06-08		5.0		5.6		10.2	16.6	18.7			35.3	675
	09-11		3.6		6.1		9.6	15.8	22.9			35.7	721
	12-14		3.4		4.5		7.7	3.4	23.5			26.9	646
	15-17		5.2		5.0		10.4	1.2	15.7			16.9	599
	18-20												
	21-23												
TOTALS			4.5		5.3		9.5	9.3	20.2			29.5	2541

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JULY 64

WEATHER CONDITIONS

MAR
MONTH

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02												
	03-05												
	06-08		3.2	.1	3.5		5.4	21.3	20.5			.4	42.5 720
	09-11		3.9		2.3		5.6	10.9	26.5			.4	37.7 774
	12-14		3.7		3.4		6.7	3.7	19.6			.1	23.4 736
	15-17		4.6		2.7		7.2	2.5	13.2				15.7 676
	18-20												
	21-23												
TOTALS			3.9	.1	3.0		6.5	9.6	20.0			.2	29.8 2906

WEATHER CONDITIONS

APR
MONTH

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02												
	03-05												
	06-08		7.9		.1		8.1	20.7	18.9		.1	39.8	719
	09-11		9.1		.1		9.1	6.9	29.3		.5	35.7	769
	12-14		8.8		.1		8.9	1.1	22.6		1.0	24.9	727
	15-17		8.5				8.5	.3	13.2		.7	14.2	668
	18-20												
	21-23												
TOTALS			8.6		.1		8.7	7.3	21.1		.6	26.9	2983

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4-244
FORM 1

STANTON AAF MO
STATION NAME

68-73, 73-79

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIR	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02												
	03-05												
	06-08	.1	8.5				8.5	19.8	20.6			4.3	744
	09-11	.4	10.2				10.2	4.6	27.3			31.6	834
	12-14	.3	9.2				9.2	1.6	16.6			13.2	737
	15-17	.5	6.1				6.1	1.0	8.9			9.9	556
	18-20												
	21-23												
TOTALS		.4	8.5				8.5	6.8	18.3			25.0	2971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

41244
STATION

STANTON AAF KS
STATION NAME

68-70, 73-79

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LEFT	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02												
	03-05												
	06-08	.1	12.6				12.6	34.5	15.1			49.6	716
	09-11	.1	9.8				9.8	11.5	32.5			44.0	784
	12-14	.3	8.5				8.5	3.1	28.5			31.5	720
	15-17	.3	9.7				9.7	1.5	18.1			19.5	681
	18-20												
	21-23												
TOTALS		.2	10.2				10.2	12.7	23.6			36.2	2901

WEATHER CONDITIONS

YEARS

JUL
MONTH

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02												
	03-05												
	06-08	.5	22.5				22.0	35.3	11.9			47.3	747
	09-11	.6	18.0				18.0	12.0	29.0			41.6	793
	12-14	.5	14.6				14.6	3.8	28.3			32.1	735
	15-17	.9	15.9				15.9	1.2	23.4			24.5	693
	18-20												
	21-23												
TOTALS		.6	17.9				17.8	13.1	23.3			36.4	2968

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

47244
STATION

STATION AAF KC
STATION NAME

68-77,73-79

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02												
	03-05												
	06-08	.9	15.3				15.3	31.4	9.9			41.3	789
	09-11	1.1	18.1				18.1	9.7	20.5			30.5	816
	12-14	.5	15.3				15.3	1.8	16.8			18.6	732
	15-17	.4	15.1				15.1	1.0	14.0			15.1	677
	18-20												
	21-23												
TOTALS		.7	16.0				16.0	11.0	15.4			25.4	3014

WEATHER CONDITIONS

SEP
MONTH

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02												
	03-05												
	06-08	.3	10.9				10.9	31.1	7.3			33.4	717
	09-11	.3	3.7				8.7	9.7	19.2			23.9	745
	12-14	.1	6.1				6.1	.6	14.2			14.5	683
	15-17	.2	5.7				8.7	.3	8.3			3.6	641
	18-20												
	21-23												
TOTALS		.2	8.6				8.6	10.4	12.3			22.7	2786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

4-244
STATION

STANTON AAF MO
STATION NAME

68-70, 73-79

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
OCT	00-02												
	03-05												
	06-08		5.8				5.8	38.3	6.5			44.9	720
	09-11	.1	4.5				4.5	13.3	19.9			33.2	762
	12-14		3.2				3.2	.4	18.4			13.8	718
	15-17	.1	2.9				2.9	.1	10.9			11.0	681
	18-20												
	21-23												
TOTALS		.1	4.1				4.1	13.0	13.9			27.0	2881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

4-244
STATION

STANTON AAF MO

STATION NAME

65-71, 73-79

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02												
	03-05												
	06-08		5.3		.7		5.7	29.1	11.2			4.3	734
	09-11		4.2		1.5		5.8	15.2	20.7			35.4	732
	12-14		4.4		1.3		5.3	1.8	19.9			21.7	677
	15-17		4.3		.8		5.1	.6	14.6			15.3	629
	18-20												
	21-23												
TOTALS			4.5		1.1		5.6	11.8	16.6			28.4	2740

WEATHER CONDITIONS

4 244

STANTON AAF MO
STATION NAME

68-72, 73-79

YEARS

DEC
MONTH

MONTH	HOURS LST.	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	09-08												
	03-05												
	06-08		5.7		2.8		8.1	30.2	12.5			43.2	755
	09-11		4.4		4.6		9.8	21.8	23.7		.3	45.2	758
	12-14		3.4		4.7		9.5	6.2	27.5		.1	33.9	676
	15-17		3.1		2.8		6.0	2.8	21.5			23.8	605
	18-20												
	21-23												
TOTALS			4.2		3.7		7.7	15.3	21.3		.1	36.6	2794

USAFETAC FORM 0-10 510L A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

WEATHER CONDITIONS

244
STATION

STANTON AAF KO
STATION NAME

68-72, 73-80

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST.	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW 1	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		2.1		6.0		7.9	10.2	23.5			33.6	2838
FEB			4.5		5.3		9.5	9.3	20.2			29.5	2641
MAR			3.9	.0	3.0		6.5	9.5	20.0		.2	29.8	2906
APR			8.6		.1		6.7	7.3	21.1		.6	28.9	2583
MAY		.4	8.5				6.5	6.8	18.3			25.0	2971
JUN		.2	10.2				10.2	12.7	23.6			33.2	2901
JUL		.6	17.8				17.8	13.1	23.3			36.4	2968
AUG		.7	16.0				16.0	11.0	15.4			26.4	3014
SEP		.2	8.6				8.6	10.4	12.3			22.7	2786
OCT		.1	4.1				4.1	13.0	13.9			27.0	2881
NOV			4.5		1.1		5.6	11.8	16.6			28.4	2740
DEC			4.2		3.7		7.7	15.3	21.3		.1	36.6	2794
TOTALS		.2	7.8	.0	1.6		9.3	10.9	19.1		.1	30.0	34323

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WEAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

4 244 STATION NO. 53, 71-85 STATION NAME YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	WINDY % OF DAYS	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN DAILY			8.5		17.9		21.4	36.5	62.1			71.4	224
FEB			9.5		11.7		18.7	31.3	46.3			55.5	230
MAR			10.6		9.4		21.3	39.1	65.1			72.3	235
APR		5.9	20.6		4.4		20.6	36.4	53.5			55.3	228
MAY		2.3	24.4				24.4	32.4	46.2			55.3	262
JUN		1.6	32.3				32.3	48.6	57.3			66.5	251
JUL		5.3	45.7				45.7	64.1	58.5			75.4	256
AUG		4.9	39.1				39.1	52.8	48.3			65.9	246
SEP		1.8	23.9				23.9	44.0	41.3			52.3	218
OCT		1.6	15.2			.4	15.2	52.4	48.4			65.2	250
NOV			12.8		4.6	1.0	22.3	45.2	51.8			62.9	197
DEC		.5	12.0		11.5	.5	22.5	48.5	60.5			71.5	200
TOTALS		1.7	22.2		4.6	.2	25.6	44.3	53.4			64.5	2797

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USNR):

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN					
FEB					
MAR					
APR					
MAY					
JUN					
JUL					
AUG					
SEP					
OCT					
NOV					
DEC					
ANNUAL					

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATC WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

4244 STATION AAF 60 STATION NAME

53-80

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50					* 2.10*	.41*	3.60*	.12*	.15*	.53	.55	1.45	
54	.07	.40	TRACE	1.06	1.08	3.10	2.91	2.26	.94	.72	.25	.54	3.13
55	.20	.20	.25	1.10	1.46	4.87	3.21	1.53*	1.80	.49	1.45	.37	4.57
56	.39	.55	2.64	.67	.64	4.77	4.15	1.23	5.52	.32	.24	.29	5.50
57	.42	.21	.20	2.00	.71	.58	3.30	2.29*	.00		.25*	1.14	
58													
59							2.05	7.99*	1.45			.25	
60													
61													
62													
63													
64													
65													
66													
67			1.88	.92	1.84	.95	4.31						
68						.31	3.50	4.65*	2.21	1.22	1.06	.16	
69	.62	1.51	.50	5.70	5.61	.54*	2.80	2.31	1.20	.25	.32	.27	5.70
70	.17	.88	.40	.7	1.05*	2.27*	2.42*	4.17*	7.50*	.57*	1.15*	.52	* 7.50
71	* .26*	.42*	.67*	1.08*	2.17*	2.02*	4.70*	2.61*	2.32*	.58*	.43*	.44	* 4.70
72	* .77*	.29*	.83*	.46*	1.19*	1.10*	2.39*	7.80*	1.05*	.46*	1.61*	.15	* 7.80
73	* .63*	TRACE*	.15*	1.42*	1.22*	1.06*	1.99*	4.07*	.79*	.12			
74		.22*	.39*	1.37*	4.01*	1.46*	3.25*	2.64*	1.51*	.71*	.16*	.10	
75	* .02*	.05*	.36*	1.41*	.38*	.50*	10.37*	3.91*	1.91*	.46*	.46*	.42	* 10.37
76	* .02*	1.52*	.22*	.59*	1.05*	.98*	1.52*	7.72*	2.47*	.78*	.53*	.46	* 7.72
77	* .06*	.02*	.92*	1.39*	1.13*	.53*	7.82*	2.39*	.72*	.41*	.76*	.47	* 7.82
78	* .90*	.64*	1.63*	.24*	.77*	4.07*	2.36*	3.16*	.59*	.57*	.14*	.31	* 4.07
79	* .54*	.46*	1.36*	1.54*	1.29*	2.04*	2.34*	2.33*	.47*	.56*	.50*	.93	* 2.34
80	* .35*	.01											
MEAN	.272	.625	.839	1.646	1.770	2.468	3.353	3.180	2.547	.592	.389	.461	4.300
S D	.236	.501	1.008	1.878	1.744	2.052	.756	2.388		.393	.481	.470	
TOTAL OBS	409	398	451	434	469	487	530	490	455	427	430	452	5442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

4244 STANTON AAF MO
STATION STATION NAME

53-80

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53						* 4.22*	1.77*	14.93*	.19*	.27*	1.25	1.02	2.43	
54		.27	1.19	TRACE	2.35	1.96	7.22	15.57	10.66	2.52	1.76	.49	1.53	45.34
55		.32	.31	.47	2.18	3.00	14.03	16.58	2.31*	5.27	1.11	2.30	.55	*48.43
56		.26	.70	5.07	1.27	2.19	11.70	15.92	2.58	13.25	.82	.51	.19	56.12
57		1.37	.50	.43	4.35	.38	.70	12.12	5.65*	.00		.70*	2.97	
58														
59							11.28	12.19*	2.64				.25	
60														
61														
62														
63														
64														
65														
66														
67				3.32	3.22	4.19	4.18	14.32						
68							* .47	14.93	11.57*	3.21	3.49	1.46	.49	
69		1.46	2.49	.93	1.41	11.33	1.01*	16.19	12.33	3.79	.32	1.13	.61	*51.90
70		.24	1.90	.58	.10	3.39*	7.49*	13.53*	15.06*	24.92*	1.27*	2.33*	.80	*71.61
71		* .71*	.50*	2.02*	1.92*	4.65*	5.40*	20.42*	5.58*	8.25*	.58*	.71*	.80	*51.54
72		* 2.34*	.91*	2.55*	1.19*	3.53*	2.78*	10.78*	26.23*	2.65*	1.13*	3.84*	.20	*58.13
73		* .32*	TRACE*	.31*	4.35*	3.27*	1.74*	7.07*	11.12*	2.23*	.32			
74			* .76*	.64*	4.25*	11.25*	2.24*	7.90*	11.76*	2.20*	1.52*	.28*	.19	
75		* .04*	.08*	.61*	4.29*	1.22*	1.01*	22.99*	7.56*	8.21*	.66*	1.15*	.60	*48.42
76		* .14*	3.32*	.59*	1.86*	2.76*	2.81*	5.97*	21.35*	4.34*	2.16*	1.16*	.56	*47.22
77		* .19*	.02*	1.07*	3.55*	1.75*	1.09*	19.94*	4.44*	1.89*	.59*	2.43*	1.57	*38.43
78		* 1.17*	.94*	2.85*	.90*	.82*	13.67*	11.00*	16.04*	2.15*	.95*	.17*	.73	*48.39
79		* .66*	1.49*	2.04*	4.22*	3.97*	9.56*	9.84*	10.46*	1.41*	.66*	1.08*	2.07	*47.46
80		* .47*	.01											
MEAN		.62	1.182	1.667	3.569	3.849	6.473	14.389	9.473	6.520	1.512	1.087	.871	5.730
S D		.622	.858	2.229	3.339	3.468	5.539	1.985	5.620		1.220	.640	.836	
TOTAL OBS		409	398	451	434	469	487	530	490	455	427	430	462	5442

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A)
JUL 64

1
2

DAILY AMOUNTS PERCENTAGE FREQUENCY OF (FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.4	1.1	.
FEB	7.	.	.	.	1.4	1.1	.	.	.	.	.	.	.	1.	1.1	1.	1.1
MAR	1.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.1	1.	.
APR	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.4	1.1	.
MAY	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.	.	.
JUN	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.	.	.
JUL	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.	.	.
AUG	.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.	.	.
SEP	1.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.1	.	.
OCT	1.	.	.	.	.	.	.	.	.	.	.	.	.	1.	1.3	1.1	.
NOV	.	.	.	.	1.4	.	1.1	.	.	.	.	.	.	1.	1.1	1.	.
DEC	.	.	.	.	1.5	1.7	.	1.7	.	1.	.	.	.	1.	1.3	1.7	1.1
ANNUAL	.	.	.	1.	1.4	1.7	1.7	1.7	1.	1.	.	.	.	1.	17.3	1.1		

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

42244
STATION

STANTON AAF MD
STATION NAME

53-52
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
53				*	.0*	.0*	.0*	.0	.0*	.0	.0	TRACE	
54			TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
55	* 2.1		TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
56			TRACE	.0	.0	.0	.0	.0	.0	.0	.0		
57			* .0	.0	.0	.0	.0	.0*	.0	.0	.0	TRACE	
58				.0	.0	.0	.0	.0	.0	.0	.0	1.5	
59				.0	.0	.0	.0	.0	.0	.0		TRACE	
60				.0	.0	.0	.0	.0	.0				
61													
62													
63													
64				.0	.0	.0	.0	.0	.0	.0	TRACE		
65													
66													
67													
68								.0	.0	TRACE	TRACE	1.0	
69	0.3	5.2	4.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	4.4	6.3
70	1.0	TRACE	4.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.5	4.0
71	* 3.0*	.1*	2.6*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.5	* 3.0
72	* 1.0*	2.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.4*	TRACE	* 3.4
73	* .8*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0		
74	* .2*	2.2*	.7*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.0	
75	* .8*	TRACE*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.5	* 1.5
76	* 1.0*	2.0*	.9*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	4.0*	* 4.0
77	* .5*	2.0*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	4.0	* 4.0
78	* 3.0*	1.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE	* 3.0
79	* 4.5*	1.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.8*	8.1	* 8.1
80	* 1.0*	.1											
MEAN	3.95	2.60	2.00	TRACE	.00	.00	.00	.00	.00	TRACE	TRACE	.99	6.30
S D			2.309	.000	.000	.000	.000	.000	.000	.000	.000	1.623	
TOTAL OBS	314	285	359	524	562	551	565	583	553	553	460	439	5753

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

41244 STATION AAF 60 53-30
STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53				*	.0*	.0*	.0*	.0	.0*	.0	.0	TRACE	
54			TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
55	* 3.5		TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	
56				TRACE	.0	.0	.0	.0	.0	.0	.0	.0	
57			*	.0	.0	.0	.0	.0*	.0	.0	.0	TRACE	
58				.0	.0	.0	.0	.0	.0	.0	.0	1.5	
59				.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
60				.0	.0	.0	.0	.0	.0	.0	.0		
61													
62													
63													
64				.0	.0	.0	.0	.0	.0	.0	TRACE		
65													
66													
67													
68								.0	.0	TRACE	TRACE	2.0	
69		11.0	12.2	5.3	TRACE	.0	.0	.0	.0	.0	TRACE	8.1	37.1
70		2.0	TRACE	7.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	TRACE	* 12.1
71	* 5.7*	.1*	3.7*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	* 10.0
72	* 1.4*	6.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	5.7*	* 14.0
73	* .8*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	
74		* 5.4*	1.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.4
75	* .9*	TRACE*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	* 3.6
76	* 1.3*	3.8*	1.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	7.5*	* 19.2
77	* .3*	2.0*	3.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	* 9.8
78	* 5.0*	1.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	* 6.0
79	* 5.5*	3.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.8*	* 18.7
80	* 1.1*	.1											
MEAN	6.00	6.10	3.20	TRACE	.00	.00	.00	.00	.00	TRACE	TRACE	1.66	1.66
S.D.			3.727	.000	.000	.000	.000	.000	.000	.000	.000	2.962	
TOTAL OBS	314	285	359	524	562	551	565	583	558	553	460	439	5753

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.	.	.	7	.	.	.	.	.	.	.	.	.	1	7			
FEB	.	.	.	2	.	1	1	.	.	.	.	.	.	1	5			
MAR	.	.	.	4	.	.	.	.	.	.	.	.	.	1	7			
APR		7			
MAY		7			
JUN		7			
JUL		7			
AUG		7			
SEP		7			
OCT		7			
NOV	1	.	.	.	.	.	.	.	.	.	7			
DEC	7	.	.	.	.	.	.	.	.	.	7			
ANNUAL	.	.	1	.	.	.	.	.	.	.	.	.	.	.	5			

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

42244
 STATION

STATION AAF KD
 STATION NAME

53-80

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53				*	0	0*	0*	0	0	0	0	0	
54		0	TRACE	TRACE	0	0	0	0	0	0	0	0	TRACE
55	*TRACE	2	0	0	0	0	0	0	0	0	0	0	TRACE
56	1	5	4	0	0	0	0	0	0	0	1	1	5
57	4	2	TRACE	0	0	0	0	0	0	0	0	0	4
58	7	TRACE	1	0	0	0	0	0	0	0	0	0	7
59	1	0	0	0	0	0	0	0	0	0	0	0	1
60	1	0	0	0	0	0	0	0	0	0	0	0	1
61	3	TRACE	2	0	0	0	0	0	0	0	0	0	3
62	1	2	0	0	0	0	0	0	0	0	0	0	2
63	3	1	TRACE	0	0	0	0	0	0	0	0	0	3
64		0	1	0	0	0	0	0	0	0	0	0	
65				0	0	0	0	0	0	0	0	0	
66		3	0	0	0	0	0	0	0*	0	0	0	3
67	0	1	0	0	0	0	0*	0*	0*	0*	0*	0	0
68	*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
69	0	9	0	TRACE	0	0	0	0	0	0	0	0	9
70	2	TRACE	4	0	0*	0*	0*	0*	0*	0*	0*	0	4
71	*	2*	1*	3*	0*	0*	0*	0*	0*	0*	0*	0	*
72	*TRACE*	2*TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
73	*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0	0	*
74	*	10*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
75	*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
76	*TRACE*	TRACE*	9*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
77	*	1*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
78	*	3*	1*TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
79	*	3*	4*	0*	0*	0*	0*	0*	0*	0*	0*	0	*
80	*	1*TRACE											*
MEAN	2.0	2.0	1.1	TRACE	0	0	0	0	0	0	0	0	3.5
SD	2.787	2.591	1.624	.000	.000	.000	.000	.000	.000	.000	.250	1.394	2.838
TOTAL OBS	677	672	725	730	781	769	782	769	749	769	726	744	8893

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders." DATA NOT AVAILABLE

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 284 STATION NAME STATION AAF KD YEARS 69-72, 73-80 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 600-1800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.5	.3									1.7	4.3
NNE	2.7	2.2										4.9	3.4
NE	.4	.7	.1									1.2	4.6
ENE	.1	.3	.1									.5	3.3
E	1.7	.3										1.9	3.5
ESE	.6	.4										1.0	2.9
SE	.1											.1	1.7
SSE	.4	.1										.5	3.2
S	.7	.9	.3									1.9	4.7
SSW	.7	.4	.1									1.2	4.1
SW	.4	.1										.5	3.7
WSW	.4	.1										.5	3.5
W	.3	.4	.4									1.1	3.6
WNW	.3	.2	.4									1.1	3.5
NW		.3	.4									.7	7.2
NNW	1.7	.2	.4									2.2	4.3
VARBL													
CALM												74.5	
	11.6	11.2	2.6									100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 717

U.S. AIR FORCE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-44 STATION NAME STATION 544 YEARS 64-70, 73-74 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 000-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	3	1.4	.1								11.4	4.7
NNE	1.4	1.6	.5	.1								3.6	4.7
NE	1.3	.5										1.8	3.0
ENE	.5	.5	.3									1.4	4.0
E	.7	1.4										.1	4.1
ESE	.7	.1										.4	3.0
SE													
SSE	.3											.1	2.0
S	.7	1.3	.5									.6	5.3
SSW	.4	1.3	.5									.2	3.1
SW	.1	.1										.7	4.0
WSW	1.3	.5	.1									1.7	3.3
W	.3	1.6	.3									.5	4.6
WNW	.9	2.7	.9									4.1	3.3
NW	1.5	2.2	.8									4.5	4.6
NNW	2.8	1.9	1.0	.1								6.2	4.4
VARBL	.1											.1	3.0
CALM												55.1	
	10.5	13.4	6.6	.4								77.0	4.0

TOTAL NUMBER OF OBSERVATIONS 773

U.S. AIR FORCE
 AIR WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 444 STATION NAME STAFFORD, IAF CLASS 62-72, 73-74 MONTH JAN 1972-1973 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	4.7	2.1	0.3								0.3	0.1
NNE	1.6	1.4	0.5									0.2	0.5
NE	1.3	0.3	0.3									0.2	0.3
ENE	0.4	0.1	0.3									0.2	0.7
E	0.1	0.3	0.1									0.5	0.2
ESE	0.1	0.1	0.1									0.4	0.3
SE	0.1											0.1	0.2
SSE	0.1		0.1									0.2	0.2
S	0.7	2.5	1.9									0.4	0.2
SSW	1.1	2.7	2.2	0.1								0.2	0.9
SW	1.0	2.5	1.5									0.1	0.7
WSW	0.7	1.2	0.9	0.1								0.2	0.2
W	1.2	2.4	1.4	0.1								0.3	0.2
WNW	0.4	4.5	2.1									1.1	0.7
NW	2.6	5.3	3.1									1.6	0.4
NNW	1.7	0.1	0.4	0.1								1.2	0.1
VARBL	0.3	0.1	0.7	0.5								0.3	0.2
CALM												0.1	
	23.5	34.2	21.7	1.4								100.0	0.2

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 40244 STATION NAME STATION NAME 59-70.77-40 YEARS JAN MONTH 1990-1990 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.3	1.6	.7								5.7	2.9
NNE	.9	.3	.5	.2								1.9	3.2
NE	.5	1.3	.2									1.9	3.2
ENE		.6										.5	4.3
E		.3										.5	5.3
ESE													
SE		.2										.2	6.1
SSE	.2	.3										.5	3.7
S	1.3	1.2	1.4									4.5	5.2
SSW	2.5	5.1	2.0									9.5	5.0
SW	1.7	5.1	3.5									11.4	2.7
WSW	2.7	5.6	1.7									10.5	4.7
W	3.1	4.1	2.5	.5								11.2	5.4
WNW	2.3	3.1	3.0	.2								8.3	5.3
NW	2.3	2.5	2.5	.6								7.5	5.5
NNW	1.7	4.1	4.4	.2								9.3	5.4
VARBL		.2	1.4									1.5	8.3
CALM												14.7	
	20.2	39.1	24.2	1.9								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 540

JOINT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4244 STATION NAME 68-70.72-30 YEARS JAN MONTH
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.2	1.7	.2								3.3	4.6
NNE	1.4	1.4	.4	.1								1.4	4.4
NE	.9	.7	.1									1.7	3.9
ENE	.7	.4	.2									.9	4.5
E	.4	.9	.0									1.3	4.2
ESE	.2	.2	.7									.5	3.2
SE	.1	.2										.1	3.3
SSE	.2	.2	.7									.5	3.9
S	.9	1.7	1.1									3.5	5.4
SSW	1.1	2.3	1.1	.2								4.5	5.7
SW	.5	2.3	1.2									4.2	5.4
WSW	1.6	1.5	.5	.2								4.1	4.5
W	1.4	2.2	1.1	.1								4.5	5.2
WNW	1.7	2.7	1.5	.7								5.2	5.2
NW	1.5	2.5	1.5	.1								5.7	5.3
NNW	2.2	2.9	2.2	.1								7.4	5.3
VARBL	.1	.1	.5	.1								.8	5.2
CALM												40.2	
	12.4	25.4	13.1	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 2335

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION STANTON AAF MO STATION NAME STANTON AAF MO YEARS 67-71, 77-80 MONTH ALL
CLASS ALL WEATHER
CONDITION ALL WEATHER
HOURS (L.S.T.) 000-2400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	.4									.5	3.4
NNE	2.8	1.5	.6									.3	3.2
NE	1.6	1.7	.4									.4	4.1
ENE	1.3	.4	.3									.4	3.6
E	.6	.4	.4									.5	4.4
ESE	.3											.2	2.5
SE													
SSE	.1											.1	3.7
S	1.2	1.5	.3									.2	4.2
SSW	.9	.9	.4									.2	4.1
SW	.6	.7	.1									.5	4.1
WSW	.1	.4										.5	3.5
W	.4	.7										.2	3.9
WNW	.4	.3	.3									.2	4.7
NW	.3	.6	.1									.2	4.1
NNW	1.5	1.6	.4	.3								.2	4.7
VARBL													
CALM												67.4	
	15.6	12.8	4.7	.3								77.7	1.3

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 40294 STATION NAME STANISLA AAF MO 69-70, 73-80 YEARS FEB MONTH 1980 HOURS (L.S.T.) 000-1159
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.6	1.7	.3								10.1	4.5
NNE	2.9	2.4	1.1									6.3	4.3
NE	.5	1.1	.1									1.8	4.5
ENE	.8	1.7	.7									2.5	5.1
E	.5	.3	.1									1.2	4.7
ESE	.3	.3	.1									.7	5.0
SE			.1									.1	7.0
SSE	.1		.1									.2	5.0
S	1.2	2.6	.8	.1								5.2	5.1
SSW	1.9	2.2	1.1									2.3	4.8
SW	.9	.7	.1									1.7	3.8
WSW	1.1	.5										1.9	3.4
W	1.1	1.5	.1									2.6	3.2
WNW	.8	2.1	.9									3.7	3.2
NW	2.1	1.2	1.4									4.7	4.6
NNW	3.9	3.2	1.8	.4								9.3	4.7
VARBL			.1									.1	8.0
CALM												42.2	
	22.6	23.6	10.5	.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 48244 STATION NAME STATION 69-74,73-P3 YEARS FEB MONTH 1212-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.5	3.3		.2							11.5	5.4
NNE	2.7	1.7	.8									4.5	4.5
NE	.3	.9	.9									2.2	6.4
ENE	.8	.8	.5									2.7	4.5
E	.2	.5										.5	4.8
ESE	.3											.3	2.5
SE		.2										.2	4.7
SSE		.6	.2									.3	5.6
S	.6	2.7	1.4									4.7	5.6
SSW	2.3	3.9	3.6									9.8	5.6
SW	1.2	3.4	3.9	.5								2.7	7
WSW	1.1	4.7	2.5	.3	.2							8.8	8.3
W	2.7	2.5	.8	.3								5.6	5.5
WNW	2.6	3.6	2.9	.3								9.4	5.5
NW	3.7	4.5	2.5	.2								10.8	5.7
NNW	2.9	1.3	2.0	.3								8.5	5.7
VARBL	.2	.3	.9									1.4	6.9
CALM												11.5	
	23.8	36.5	26.0	1.9	.3							137.7	4.9

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 42244 STATION NAME STANLEY AAF MO YEARS 69-70, 73-74
CLASS ALL WEATHER MONTH FEB 1970-1971
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	0-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.0	4.2	.3								10.4	5.3
NNE	.7	2.5	.8	.3								3.9	2.9
NE	1.2	1.0	.3									2.5	4.0
ENE	.8	.6	.2									1.6	4.0
E	.5	.5										1.0	3.2
ESE		.2										.7	4.0
SE	.3											.7	2.0
SSE	.5	.3	.2									1.0	3.7
S	.7	1.7	.2									2.6	4.5
SSW	1.2	3.5	2.5	.3								7.5	6.0
SW	3.3	4.7	4.2	1.7								17.9	6.0
WSW	3.0	5.2	5.7	.5								14.4	6.0
W	3.2	5.2	3.7	.3								12.4	5.6
WNW	1.3	4.2	2.8	.3								8.7	5.1
NW	.8	3.0	2.3	.3								6.5	6.2
NNW	.9	2.7	2.0	.2								5.7	6.1
VARBL		.3	.7									1.0	7.8
CALM												6.5	
	21.2	38.2	29.7	4.3								100.7	5.5

TOTAL NUMBER OF OBSERVATIONS 599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

40244 STATION AAF 40 STATION NAME 69-70.73-80 YEARS FEB MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	3.2	2.3	.2	.0							2.4	2.2
NNE	2.2	2.1	.8	.1								5.2	4.5
NE	.9	1.1	.5									2.5	4.6
ENE	.9	.8	.4									2.0	4.5
E	.5	.4	.2									1.0	4.1
ESE	.2	.1	.0									.4	3.9
SE	.1	.0	.0									.2	3.6
SSE	.2	.2	.1									.5	4.5
S	.9	2.0	.7	.0								3.7	4.9
SSW	1.6	2.6	1.9	.1								8.1	5.4
SW	1.4	2.3	2.0	.5								8.2	5.2
WSW	1.3	2.5	1.9	.2	.0							5.9	5.3
W	1.5	2.4	1.1	.2								5.2	5.1
WNW	1.3	2.5	1.7	.2								5.6	5.6
NW	1.7	2.3	1.6	.1								5.7	5.2
NNW	2.4	2.7	1.6	.3								6.9	5.1
VARBL	.0	.2	.4									.6	7.3
CALM												33.0	
	20.9	27.3	17.0	1.7	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4249 STATION 44F A1 STATION NAME 68-70, 73-79 YEARS 48 MONTH 1600-2800 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.1									1.9	3.4
NNE	1.7	3.3	.1									1.1	4.1
NE	1.5	1.8	.1									2.9	4.4
ENE	.3	1.1	.6									1.9	3.4
E	1.1	.8	.1									2.1	3.9
ESE	.3	.3										1.1	3.5
SE	.1											.1	3.0
SSE	.1	.1	.4									.7	6.6
S	1.2	.3	.3	.1								2.2	4.7
SSW	1.4	.7		.1								2.2	3.6
SW	1.2	.4	.4									1.8	4.3
WSW	.6	.1	.1									.6	4.2
W	.6	.2	.7									1.9	5.4
WNW	.4	.1	.7									1.2	5.8
NW	.6	.2	.1									1.5	4.2
NNW	.6	1.2	.4									2.2	4.9
VARBL	.1											.1	3.6
CALM												59.9	
	11.8	13.7	4.3	.3								70.0	1.3

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION 0AF MD STATION NAME 68-72, 73-79 YEARS 403 MONTH 077-1100 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	2.7	1.7	.6								2.4	4.7
NNE	2.3	3.2	1.4	.1								5.2	5.1
NE	.9	1.3	.5	.1								2.8	5.3
ENE	.6	1.6	.6									2.8	5.2
E	.4	.9	.4									1.7	4.8
ESE	.4	.5										.9	3.7
SE	.1											.1	2.2
SSE	.4	.5	.6									1.6	5.7
S	1.6	1.6	1.7	.3								5.2	5.6
SSW	1.3	3.1	1.6									5.9	5.3
SW	1.3	2.5	1.6	.3								5.5	5.5
WSW	1.2	1.2	1.3	.3								3.7	5.5
W	1.7	1.6	.6	.1								4.2	4.4
WNW	1.2	1.7	1.2	.6								4.5	6.4
NW	1.7	1.6	1.2	.1								4.4	4.9
NNW	1.2	2.4	2.5	.3								9.1	5.3
VARBL	.3	.3	.4									.9	5.3
CALM												31.5	
	22.5	26.2	16.9	2.8								100.2	3.6

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION AAF 40 68-70, 73-79
STATION NAME YEARS
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.0	1.8	.7		.1						.7	8.6
NNE	1.1	1.0	.5									.6	4.3
NE	.1	1.4	.5									.7	5.9
ENE	.3	.8	.1									1.2	5.1
E	.4	.8	.4									1.6	5.3
ESE	.3	.7	.1									1.1	4.9
SE	.1	.1		.3								.5	7.8
SSE	.5	.5	.3									1.4	5.9
S	1.6	2.3	.8	.7								5.4	5.5
SSW	1.6	3.4	4.8	.3	.1							10.2	5.5
SW	1.6	5.7	5.2	1.1								15.6	5.6
WSW	2.7	4.2	5.4	1.2	.1							13.7	6.5
W	1.5	4.1	3.0	.5	.1							9.2	6.3
WNW	1.1	1.9	2.3	.8								6.1	6.7
NW	1.2	3.3	2.6	.1								6.9	6.1
NNW	1.1	3.1	2.4	.4								7.1	5.3
VARBL	.3	.4	.3		.1							1.1	7.1
CALM												9.5	
	16.7	36.4	30.6	6.1	.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION STATION AAF 47 STATION NAME 68-73, 73-74 YEARS 44
 CLASS ALL WEATHER MONTH 1500-1700
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	1.5	.1								4.1	5.1
NNE	.6	1.1	.1	.3								2.1	5.3
NE	.3	1.2	.7									2.2	5.5
ENE		.3	.1									.4	6.0
E	.3		.3									.5	4.5
ESE		.3	.1									.4	5.7
SE													
SSE	.1	.4	.1									.7	5.4
S	.4	.5	1.3	.6	.1							3.1	5.6
SSW	.5	3.1	4.1	.7	.1							3.5	7.4
SW	2.4	6.1	6.5	1.8								17.0	6.7
WSW	1.3	7.5	8.0	1.0	.1							15.0	7.2
W	1.0	5.5	5.8	.6	.1							13.0	6.9
WNW	1.2	3.6	3.7	.7	.3							5.5	7.2
NW	1.5	1.8	3.6	.9	.3							5.1	7.4
NNW	1.0	1.1	1.5	.9								5.2	6.5
VARBL	.1	.1	.7									1.0	7.8
CALM												5.8	
	12.3	33.7	38.8	7.7	1.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

UNCLASSIFIED
DATE 01/10/00

STATION 12044 STATION NAME DIXON AFB MO YEARS 66-70, 77-79 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	1.3	.4		.0						4.6	5.4
NNE	1.4	2.1	.6	.1								4.2	4.7
NE	.6	1.4	.5	.0								2.5	5.2
ENE	.3	1.0	.4									1.7	5.2
E	.6	.7	.3									1.5	4.6
ESE	.2	.6	.1									.9	4.3
SE	.1	.0		.1								.2	6.0
SSE	.3	.4	.4									1.1	5.6
S	1.2	1.7	1.0	.4	.0							4.0	6.0
SSW	1.2	2.5	2.6	.3	.1							5.7	6.3
SW	1.5	3.6	3.4	.5								3.3	6.5
WSW	1.4	3.2	3.6	.6	.1							5.9	6.8
W	1.2	2.9	2.4	.3	.1							6.9	6.2
WNW	1.0	1.8	1.9	.6	.1							5.3	6.5
NW	1.3	1.3	1.8	.3	.1							5.2	6.2
NNW	1.5	2.1	1.7	.4								5.7	5.9
VARBL	.2	.2	.3		.0							.8	6.9
CALM												29.5	
	16.1	27.5	22.3	4.2	.4	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 2476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-244 STATION 44F 60 STATION NAME 64-74, 77-79 YEARS 1977-1979 MONTH 10-12-79 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.7	.5									4.9	4.2
NNE	2.6	1.9	.3									4.9	4.9
NE	.8	1.9	.4									2.2	4.5
ENE	.3	1.5	.7									2.5	5.7
E	.4	.8										1.3	3.8
ESE	.5	.1										.7	3.2
SE	.4											.4	2.0
SSE	.4	.7	.1									1.3	4.7
S	1.7	1.9	2.2	.8								5.7	6.5
SSW	1.9	1.0	.8	.3								4.9	4.8
SW	.5	1.0	.3									1.8	4.8
WSW	.1		.4									.5	3.8
W	.3	.5	.8									1.7	3.8
WNW	.4	.4	.1									1.7	4.5
NW	.5	.1	.1									1.1	3.4
NNW	.5	.4	.5									1.5	3.3
VARBL	.3	.1										1.0	3.1
CALM												51.7	
	14.2	14.5	7.8	1.1								77.7	1.9

TOTAL NUMBER OF OBSERVATIONS 716

JOINT CLIMATE DIVISION
USAFETAC
AIR WEATHER SERVICE/MAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION AF 40 STATION NAME 68-70, 73-79 YEARS 68-70 MONTH 7-10
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.1	1.2	.3								7.1	4.1
NNE	.2	2.2	1.3									4.7	5.7
NE	.3	1.4	1.7	.1								3.5	6.5
ENE	.7	1.2	.8									2.5	5.5
E	.5	1.6	.7									1.7	5.3
ESE	.1		.3									.4	7.1
SE	.3	.1										.4	3.3
SSE	.7	.1	.5	.1								1.4	5.3
S	.2	4.2	2.7	.8								5.5	4.2
SSW	2.2	4.3	3.5	.7								10.4	6.2
SW	1.7	3.6	3.4	.7								4.4	6.3
WSW	1.2	2.1	2.2	.4								5.7	6.5
W	.5	1.7	.8	.4								3.4	6.4
WNW	.2	1.6	.7									4.2	4.1
NW	1.6	2.9	.8	.3								5.5	4.8
NNW	2.2	1.6	.9	.1								4.8	4.6
VARBL	1.4	.8	.1									2.3	3.7
CALM												22.4	
	20.7	31.7	1.5	2.9								100.7	4.3

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION STANTON AAF MO STATION NAME STANTON AAF MO YEARS 68-70, 73-79 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 1400-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.6	.3								4.1	6.7
NNE	.4	1.3	1.5									3.7	6.2
NE	.4	.7	1.2	.1								2.5	7.1
ENE	.1	1.2	1.1									2.5	5.4
E	.3	.3	.4	.6								2.1	7.1
ESE	.4	.4	.1									1.0	4.0
SE		.2	.6									.5	7.5
SSE	.3	.5	.1									1.2	4.0
S	.7	2.9	3.3	.4								7.3	6.8
SSW	1.7	4.0	5.1	1.2								12.0	8.9
SW	1.5	5.1	9.8	4.1								25.5	8.2
WSW	1.2	4.7	5.9	1.5								13.1	7.4
W	1.5	2.2	2.2									5.9	5.6
WNW	1.4	1.2	.6									3.7	4.4
NW	1.2	1.2	1.5	.4								4.7	6.2
NNW	.7	2.5	1.1	.7								5.2	6.4
VARBL	.5	1.2	.6	.4	.1							3.9	5.5
CALM												6.2	
	13.3	33.7	36.9	9.8	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 727

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ACC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 144 STATION NAME STATION WAF 40 YEARS 63-72, 77-79
CLASS ALL WEATHER MONTH APR
HOURS [L.S.T.] 1873-1700
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.5	.1								1.2	5.7
NNE	.3	.9	2.2	.1								3.5	7.5
NE	.3	.4	1.2	.7								2.1	7.5
ENE	.1	.3	.7									1.2	7.1
E	.1	.9	.3									1.3	5.7
ESE	.4	.3	.3	.1								1.2	5.5
SE	.1	.1	.7									1.2	7.4
SSE	.3	.4	.3	.1								1.2	6.1
S	.7	1.6	1.9	.1								4.5	6.3
SSW	.5	2.2	6.4	1.5	.1							11.2	5.4
SW	1.6	5.9	12.3	4.8								25.6	5.2
WSW	1.5	6.1	10.5	2.2	.1							25.4	7.7
W	.7	3.4	2.5	.4	.1							7.5	6.5
WNW	.5	1.3	1.6	.3								4.3	5.2
NW	.6	.5	.7	.6								2.5	7.1
NNW	.4	1.2	1.6	.1								3.4	6.5
VARBL	.4	1.6	.7	.3	.1							3.3	6.6
CALM												3.1	
	14.7	29.3	45.1	11.4	.6							100.7	7.2

TOTAL NUMBER OF OBSERVATIONS 663

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 40944 STATION NAME STATION AAF 60 YEARS 68-70, 73-79 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 16
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.4	1.1	.2								4.4	5.1
NNE	1.1	1.7	1.2	.7								4.1	5.7
NE	.5	1.1	1.1	.1								2.2	6.3
ENE	.3	1.1	.8									2.2	6.5
E	.3	1.7	.3	.1								1.9	5.6
ESE	.4	.2	.2	.0								.8	4.9
SE	.2	.1	.3									.7	5.9
SSE	.4	.5	.3	.1								1.2	5.3
S	1.2	2.7	2.6	.6								7.1	6.4
SSW	1.6	3.1	3.9	.9	.2							9.5	6.3
SW	1.2	4.1	6.3	2.3								14.1	7.7
WSW	.9	3.1	4.6	1.7	.2							9.7	7.4
W	.6	1.9	1.6	.2	.2							4.6	6.3
WNW	1.1	1.4	.7	.1								3.3	4.8
NW	1.2	1.4	.8	.3								3.5	5.5
NNW	1.2	1.4	1.0	.2								3.7	5.8
VARBL	.2	1.1	.3	.2	.1							2.6	5.6
CALM												23.6	
	14.2	27.5	27.4	6.4	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STANLEY AFB TX 64-71,73-79 MAY
STATION NAME YEARS MONTH
ALL WEATHER CLASS 600-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	≥ 54	%	MEAN WIND SPEED
N	3.5	2.2	.4								3.7	3.5
NNE	2.3	1.7	.4	.1							4.5	4.1
NE	.8	1.7	.3								2.3	4.5
ENE	.9	1.2									2.2	3.8
E	.5	.1	.1								.4	3.2
ESE		.4		.1							.5	6.5
SE		.1	.1								.3	6.0
SSE	.5	.7	.1								1.3	4.3
S	2.3	3.1	2.6	.1							8.1	5.4
SSW	1.1	1.5	1.5								4.2	3.5
SW	.8	1.1	.5								2.4	4.6
WSW	.5	.4	.3	.1							1.3	3.2
W		.1	.1								.3	6.5
WNW	.4			.1							.5	4.5
NW		.1									.1	4.0
NNW	.7	.9									1.6	3.5
VARBL	.8										.8	2.5
CALM											52.1	
	15.2	15.6	6.5	.7							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 244 STATION NAME STANTON AFB MO YEARS 68-70, 73-79 DAY 4 MONTH 11
CLASS ALL WEATHER HOURS (L.S.T.) 0000-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	1.1	.5								5.5	5.7
NNE	1.2	1.6	1.6	.4								4.9	5.9
NE	.7	1.4	.2									3.4	4.4
ENE	.9	.6	.5									3.2	4.5
E	.5	1.1	.5	.1								2.4	5.3
ESE		.2	.2	.1								.5	6.2
SE	.4	.4	.2									1.2	4.5
SSE	.2	.2	.1									1.2	4.5
S	1.2	3.6	3.4	.4								2.5	6.4
SSW	1.7	4.2	4.9	.1								10.7	5.1
SW	2.2	4.5	5.6	.6								13.5	6.1
WSW	2.4	3.1	1.4	.5								7.2	5.2
W	1.2	1.5	.6									3.1	4.9
WNW	1.2	1.2	.5									2.7	4.5
NW	1.1	1.5	.2	.1								3.2	4.5
NNW	2.2	3.0	.7	.1								6.1	4.4
VARBL	2.4	.2	.1	.1								2.9	3.4
CALM												22.1	
	21.8	32.2	22.0	3.2								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFH WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-244 STATION NAME STATION AAF KD YEARS 68-70, 73-79 MONTH MAY
CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.3	2.7	.7	.1							7.2	6.6
NNE	.7	1.8	.5	.1								3.4	5.6
NE	.1	.7	.3									1.1	5.3
ENE	.5	.4	.4									1.6	4.6
E	.1	.7	.9	.1								1.9	6.5
ESE	.1	.4	.1	.1								.2	6.3
SE			.3	.1								.4	10.2
SSE		1.2	.1									1.4	5.4
S	.8	2.4	2.6	.8	.1							6.8	7.3
SSW	1.4	4.2	6.4	.7								12.6	6.9
SW	2.2	3.1	9.1	2.2								18.4	7.5
WSW	2.2	6.2	8.1	1.2								17.8	6.9
W	1.1	2.8	2.8	.4								7.2	6.5
WNW	1.5	2.5	.8	.1								4.5	4.9
NW	.9	1.4	.4									2.7	4.6
NNW	.9	2.7	.9	.1								4.3	5.2
VARBL	.9	1.4	.5	.3								3.1	5.7
CALM												6.6	
	14.5	34.7	36.8	7.1	.3							122.1	6.1

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION STANTON AAF MO STATION NAME 68-70,73-79 YEARS 1500-1700
DAY 1500-1700
MONTH 1500-1700
HOURS (L.S.T.) 1500-1700

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	1.3	.3								3.1	6.7
NNE	.7	1.2	.6	.1								2.5	5.4
NE	.3	.9	.7	.1								2.2	6.1
ENE	.6	1.5	.1									2.2	4.5
E	1.7	.4	.6	.1								2.2	5.3
ESE	.1	.3	.1									.6	4.8
SE	.1	.4	.1									.7	5.2
SSE	.3	.4										.7	3.8
S	1.2	2.1	2.5	.4								6.2	5.4
SSW	.7	2.2	7.6	2.0								12.5	5.3
SW	.7	4.5	12.5	3.5								21.3	5.3
WSW	1.2	6.1	10.1	2.0	.1							20.3	7.5
W	1.5	4.4	3.5	.4								9.9	6.1
WNW	.4	1.2	1.0	.1								2.6	5.2
NW	.4	.7	1.6	.1								3.1	6.9
NNW	.9	1.6	1.3	.4								4.2	6.4
VARBL	.9	1.1	.3	.1								2.3	4.9
CALM												3.5	
	12.1	30.2	44.0	10.1	.1							100.3	6.6

TOTAL NUMBER OF OBSERVATIONS 686

3000AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

47244 STATION 4AF 60 STATION NAME 63-70, 73-79 YEARS 4AY MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	1.2	.4	.0							5.5	5.5
NNE	1.2	1.6	.9	.2								3.2	5.2
NE	.5	1.2	.4	.0								2.1	4.9
ENE	.7	1.7	.3									2.0	4.3
E	.6	.6	.5	.1								1.8	5.4
ESE	.1	.3	.1	.1								.6	5.5
SE	.1	.2	.2	.0								.6	5.7
SSE	.3	.6	.1									1.2	4.6
S	1.3	2.8	2.8	.4	.0							7.4	6.3
SSW	1.2	3.0	5.0	.7								14.0	6.9
SW	1.6	2.3	6.8	1.5								13.3	7.3
WSW	1.9	3.9	4.8	.9	.0							11.4	6.8
W	.9	2.2	1.7	.2								5.0	6.0
WNW	.3	1.1	.6	.1								2.6	5.1
NW	.6	1.0	.5	.1								2.2	5.3
NNW	1.2	2.1	.7	.2								4.1	5.0
VARBL	1.3	.6	.2	.1								2.3	4.5
CALM												24.0	
	16.1	27.8	26.9	5.1	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

43244 STATION AAF KD 68-75,73-74 JULY
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1600-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.1										3.5	3.5
NNE	1.3	2.4	.1	.1								4.5	4.2
NE	.3	1.1	.1									2.1	4.4
ENE	1.3	1.1	.1	.1								2.7	4.6
E	.7	1.1										1.8	4.7
ESE	.4	.3										.7	2.6
SE	.4	.1										.5	2.5
SSE	.7	.6	.3									1.5	4.5
S	2.2	5.2	1.3									9.7	4.7
SSW	2.2	1.7	.7									4.6	4.4
SW	1.7	2.3	.3									3.9	4.1
WSW	.4	1.7	.1									2.2	4.6
W													
WNW	.1											.1	2.7
NW	.4		.3									.7	5.2
NNW	1.7	.1	.1									1.3	3.3
VARBL	1.1	.1										1.3	2.8
CALM												59.8	
	17.2	18.6	3.5	.3								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION AAF KO 62-75, 73-73 STATION NAME YEARS
JULY MONTH
ALL WEATHER CLASS 1200-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.9									4.2	4.3
NNE	1.4	1.5	.3		.1							3.3	4.9
NE	1.3	1.5	.8									3.6	4.7
ENE	.6	1.5	.4	.1								2.7	2.1
E	.6	1.1	.5									2.3	4.7
ESE	.5	.9	.1									1.4	4.5
SE	.3											.3	2.5
SSE	.8	.5	.1									1.4	3.9
S	2.4	3.2	2.4	.1								3.3	5.2
SSW	2.8	5.7	3.1									11.5	5.2
SW	2.6	6.9	2.4	.3								12.7	5.2
WSW	1.3	3.7	1.5	.3								7.3	5.3
W	1.1	.9	.4									2.3	4.1
WNW	1.3	.6	.4									2.3	3.9
NW	1.7	1.5	.1									2.7	3.7
NNW	1.8	1.4		.1								3.3	3.8
VARBL	3.3	1.3	.1	.1								4.5	3.5
CALM												25.6	
	25.3	34.6	13.4	1.0	.1							110.7	3.5

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

44244 STATION AAF KS STATION NAME 64-70,73-79 YEARS JUL MONTH
CLASS ALL WEATHERS 12-2-1450
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	.6									4.7	4.9
NNE	.6	1.1	1.3									2.3	5.6
NE	1.2	.4	.4									1.8	4.3
ENE	.5	1.1	.4		.1							2.2	5.6
E	.7	2.5										2.2	4.1
ESE	.4	.7	.1									1.2	4.7
SE		.3	.3									.3	5.8
SSE	.1	.3	.1	.1								.7	5.6
S	1.7	2.2	2.4	.6								8.5	5.9
SSW	1.5	6.7	4.6	.7								13.5	6.2
SW	2.8	7.4	6.2	1.5								17.6	6.4
WSW	2.9	5.2	5.2	.4								14.2	5.8
W	.7	2.5	.8									4.3	5.0
WNW	.8	1.1	.7	.1								2.8	5.3
NW	.9	1.2	.6									2.4	4.5
NNW	1.2	1.5	.3									3.3	4.4
VARBL	3.5	3.2		.1								6.8	3.7
CALM												12.5	
	22.4	42.8	22.5	3.6	.1							120.2	4.8

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 44 STATION NAME STATION AAF KS YEARS 68-72, 73-79 MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) 1800-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.2	.9									4.7	4.9
NNE	1.5	.9	.9	.3								2.5	5.2
NE	.7	.3										.5	3.5
ENE	.7	1.5	.7									2.9	5.1
E	.3	.5		.3								1.2	6.5
ESE	.3	.4	.3									1.2	4.4
SE		.1	.1									.3	6.2
SSE	.4	.1	.3	.1								1.2	5.1
S	1.5	2.5	1.3	.1								2.4	5.2
SSW	.4	4.5	4.3	1.7								12.5	7.2
SW	.9	7.6	9.1	2.1								19.7	7.4
WSW	.7	7.2	9.1	.2								17.2	6.9
W	1.5	5.6	3.5	.4								11.2	6.3
WNW	1.2	1.5	.1									2.3	4.1
NW	.7	.2										1.5	4.2
NNW	1.5	1.6	.4									3.1	4.7
VARBL	1.8	2.9	.4									5.1	4.3
CALM												7.3	
	14.4	42.0	31.6	4.7								110.2	5.7

TOTAL NUMBER OF OBSERVATIONS 581

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

40244 STATION AF KD STATION NAME 60-70, 73-79 YEARS MONTH JULY
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.1	.6									3.3	4.4
NNE	1.3	1.5	.6	.1	.1							3.5	4.9
NE	.9	.9	.3									1.1	4.5
ENE	.3	1.3	.4	.1	.1							2.0	5.1
E	.6	1.1	.1	.1								1.3	4.7
ESE	.4	.6	.1									1.1	4.4
SE	.2	.1	.1									.4	4.2
SSE	.5	.4	.2	.1								1.2	5.0
S	2.1	3.6	1.6	.2								7.4	6.2
SSW	1.8	4.3	3.1	.4								12.1	5.9
SW	2.0	5.9	4.3	.9								13.2	6.7
WSW	1.5	4.7	3.8	.2								10.2	6.1
W	.2	2.2	1.1	.1								4.3	5.5
WNW	.2	.3	.3	.0								1.0	4.4
NW	.6	.9	.2									1.3	4.2
NNW	1.3	1.2	.2	.3								2.3	4.7
VARBL	2.4	1.9	.1	.1								4.5	5.8
CALM												26.5	
	19.7	33.4	17.5	2.3	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 2901

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

47244 STATION 1AF 80 STATION NAME 68-7.73-79 YEARS 1968-1970
MONTH 12
CLASS ALL WEATHER
HOURS (L.S.T.) 800-2000
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	1.2	.3	.3								4.4	4.1
NNE	1.5	2.1	.5	.1								4.4	4.2
NE	1.9	.3	.3									4.5	4.6
ENE	2.2	.3	.5									3.7	3.9
E	.9	1.2	.7									2.1	4.7
ESE	.9	.4	.3									1.5	4.2
SE	.1	.3	.1									.5	4.8
SSE	.2	1.1	.4	.1								2.4	5.1
S	4.1	5.1	1.2	.7								11.1	4.7
SSW	1.3	4.3	1.6	.1								5.3	5.1
SW	1.2	1.3	1.2	.1								4.4	5.2
WSW	.4	.4	.5									1.3	5.4
W	.1	.4										.5	4.3
WNW	.1	.1										.3	3.5
NW	.1											.1	3.0
NNW	.2	.4										2.4	2.8
VARBL	.7	.1										.3	3.1
CALM												47.7	
	22.4	20.6	7.9	1.5								101.2	2.4

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 244 STATION NAME 69-73-73-79 YEARS MONTH 10
CLASS ALL WEATHER HOURS (L.S.T.) 522-110
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.7	.6	.1								7.2	4.4
NNE	1.9	2.4	1.1									2.4	4.5
NE	.9	1.6	.9	.1								3.5	5.6
ENE	1.5	1.4	1.1									4.0	4.8
E	1.2	.8	.3	.3								2.0	4.6
ESE	.5	.5	.3									1.3	4.6
SE	.1	.5										.9	3.3
SSE	.9	1.0	.3	.3								2.4	5.2
S	2.3	6.7	2.1	1.1								13.2	5.5
SSW	2.5	5.9	2.1	.1								10.7	5.2
SW	2.4	5.3	4.7									17.9	5.6
WSW	1.5	2.4	1.5									5.3	4.5
W	.5	.2	.1									1.5	4.2
WNW	.5	.6										1.4	3.6
NW	.4	.2										.5	3.2
NNW	1.4	.5	.4									2.4	4.1
VARBL	1.4	.2										1.6	2.9
CALM												20.6	
	24.6	35.6	15.0	2.0								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/HAD

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 448 STATION NAME AF 40 YEARS 69-70, 73-79 MONTH JUL
CLASS ALL WEATHER 1200-1400
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.1									5.1	4.8
NNE	1.4	1.6	1.2	.1								4.4	5.2
NE	.8	2.2	1.1	.1								4.2	5.6
ENE	1.7	1.5	.4									3.3	4.7
E	1.0	1.4	.5									3.1	4.9
ESE	.1	.4										.5	4.0
SE		.7										.7	4.4
SSE	.2	.1	.5									1.0	5.1
S	2.3	4.6	2.4	.5		.1						10.2	5.8
SSW	1.2	5.4	6.3	1.5	.1							12.5	7.1
SW	2.6	5.3	7.6	1.7								16.5	8.7
WSW	1.6	4.7	3.0	.4								8.3	5.0
W	1.6	2.0	.4									4.1	4.7
WNW	1.7	1.4	.8									2.7	4.7
NW	.7	1.4										2.2	3.7
NNW	.8	1.6	.1									2.5	4.3
VARBL	1.2	.3	.3									1.3	4.1
CALM												12.5	
	20.2	37.4	26.1	3.7	.1	.1						75.7	5.8

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4244 STATION 44F 40 STATION NAME 48-70, 73-79 YEARS MONTH 1950-1950
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.3	1.7									5.5	4.5
NNE	.6	1.3	1.3	.3								3.5	2.6
NE	1.2	1.2	1.3									3.4	3.2
ENE	.3	.7	.3									1.3	4.6
E	.4	1.7	.3	.1								1.2	4.6
ESE	.3	.4										.7	3.9
SE	.4	.7										.7	3.6
SSE	.4	1.4	1.0	.1								3.2	2.1
S	1.6	2.5	2.2	.1								6.3	5.8
SSW	1.2	4.5	6.2	.7	.3							13.2	7.2
SW	3.7	2.7	5.1	1.7								21.5	6.6
WSW	1.5	4.2	4.8	1.3								11.4	6.2
W	1.4	2.7	.6									4.8	4.6
WNW	.6	1.1	.4									2.0	4.9
NW	1.3	1.4										2.7	3.5
NNW	1.4	1.2	.1									2.7	3.7
VARBL	1.2	.4	.3									2.5	3.8
CALM												12.0	
	27.2	35.2	27.8	4.5	.3							110.1	5.2

TOTAL NUMBER OF OBSERVATIONS 493

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

4-244 STATION STATION AAF 40 STATION NAME 63-72, 73-79 YEARS JUL
MONTH ALL
CLASS ALL WEATHER
HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.5	.7	.1								3.9	4.4
NNE	1.3	1.9	1.1	.1								4.4	5.2
NE	1.2	1.4	.9	.1								3.5	5.1
ENE	1.3	1.1	.6									3.0	4.5
E	1.0	1.1	.5	.1								2.7	4.3
ESE	.5	.4	.1									1.0	4.2
SE	.2	.4	.2									.5	4.1
SSE	.5	.9	.5	.1								2.2	5.3
S	2.9	4.3	2.0	.6		.3						10.3	5.4
SSW	1.2	5.3	4.0	.6	.1							11.5	6.3
SW	2.3	5.4	5.3	.7								13.6	6.3
WSW	1.3	2.8	2.3	.4								6.7	5.1
W	.2	1.5	.3									2.7	4.4
WNW	.6	.7	.3									1.5	4.4
NW	.5	.8										1.4	3.6
NNW	1.4	.2	.2									2.5	3.7
VARBL	1.3	.3	.1									1.7	3.6
CALM												24.3	
	21.9	32.2	19.0	2.9	.1	.7						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 2965

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1294 STATION NAME STANLEY AFB MS YEARS AP-70, 73-79 MONTH AUG
CLASS ALL WEATHER HOURS (L.S.T.) 600-1800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.4	.1									4.1	3.2
NNE	2.5	2.2	.5	.1								5.4	4.3
NE	1.5	2.2	.9									4.5	4.6
ENE	2.2	1.6	.3									4.1	3.7
E	1.3	.5	.1									1.9	3.3
ESE	.4	.4	.3	.1								1.1	5.6
SE	.4											.4	2.3
SSE	.5	.4	.8									1.5	5.7
S	1.9	2.2	2.3	.4								6.7	6.2
SSW	1.1	2.7	1.9	.1								5.5	5.8
SW	.5	1.0	.4									1.9	4.7
WSW	.5	.5	.3	.1								1.4	4.5
W	.1		.1									.3	5.2
WNW	.1											.1	3.2
NW	.1											.1	3.0
NNW	.4	.1										.5	2.5
VARBL	.2	.3										2.4	2.7
CALM												57.5	
	19.3	15.3	8.0	.9								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STATION AAF KD 68-70, 73-79 AUG 1980-1100
STATION NAME YEARS MONTH HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.8	.6									6.9	3.9
NNE	3.1	2.6	.6	.1								6.4	4.1
NE	2.3	3.7	1.6	.1								7.7	5.1
ENE	2.9	1.2	.2									4.4	3.7
E	2.3	1.3	.1									3.3	3.6
ESE	.5	.7										1.2	3.6
SE	.2											.2	3.0
SSE	.7	.2	.2									1.2	4.3
S	1.7	3.6	2.2	.7								3.2	5.8
SSW	1.6	4.8	3.1	.2								9.7	5.9
SW	2.2	3.8	2.0	.2								6.2	5.2
WSW	1.7	1.2	.9									4.4	4.6
W	.7	.4	.1									1.2	3.9
WNW	.7	.6										1.3	3.2
NW	1.1	.6										1.7	3.4
NNW	1.7	1.3		.1								3.2	3.7
VARBL	2.8	.6	.1									3.6	3.1
CALM												26.5	
	29.9	30.2	11.9	1.6								100.7	3.4

TOTAL NUMBER OF OBSERVATIONS 315

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STATION AAF KC 62-70, 73-79
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
MONTH
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.1	1.6									7.1	4.7
NNE	1.2	2.5	.7									4.1	4.7
NE	1.6	2.3	1.4	.1								5.5	5.2
ENE	1.2	2.3	.8									4.1	5.0
E	.7	1.6	.1									2.5	4.6
ESE	1.4	1.1	.3									2.7	3.9
SE	.4	.3										.7	3.2
SSE	.1	1.2	.1									1.2	4.9
S	.5	2.5	2.2	.1								2.3	6.5
SSW	2.3	3.3	4.4	.8								10.8	5.3
SW	1.4	4.2	5.9	1.5								12.7	7.2
WSW	2.2	3.3	2.6	.1								3.2	5.4
W	2.2	1.6	.5									4.4	4.1
WNW	1.4	1.5										2.9	3.3
NW	1.2	2.0	.3									3.5	4.2
NNW	2.2	2.3	.4	.1								5.1	4.3
VARBL	4.4	1.5										5.9	3.1
CALM												13.4	
	26.2	36.2	21.3	2.9								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1244 STATION AAF KD 68-72, 73-79 AUG
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.7	.9	.1								5.9	4.5
NNE	.5	2.5	1.3									4.4	5.5
NE	1.6	2.4	1.5									5.5	5.0
ENE	1.2	1.9	.6									3.5	4.5
E	.7	1.8	.4									3.0	4.5
ESE	.3	.7	.6									1.6	5.6
SE	.1	.6										.7	4.6
SSE			.1									.1	1.2
S	.4	1.2	2.5	.1								4.1	7.1
SSW	1.3	5.0	3.7	.9								10.9	6.5
SW	1.2	6.4	7.2	.9								15.5	6.3
WSW	1.5	5.5	4.2	.4								11.5	6.3
W	2.1	2.3	.4									3.3	4.3
WNW	1.2	1.5	.3									3.0	4.2
NW	.4	1.3	.1									1.9	4.4
NNW	1.5	2.5	.1									4.1	3.9
VARBL	3.2	1.2										4.1	3.4
CALM												14.6	
	18.2	40.8	23.9	2.5								120.2	4.6

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

47244 STATION 6AE KJ STATION NAME 66-70, 73-79 YEARS
MONTH
ALL WEATHER CLASS
ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.7	.8	.0								5.7	4.2
NNE	1.2	2.4	.8	.1								5.1	4.6
NE	1.2	2.7	1.3	.1								5.5	5.0
ENE	1.2	1.2	.5									4.0	4.2
E	1.3	1.3	.2									2.3	4.0
ESE	.6	.7	.3	.0								1.7	4.5
SE	.3	.2										.5	3.5
SSE	.4	.4	.3									1.1	5.2
S	1.2	2.4	2.3	.4								5.2	5.2
SSW	1.5	3.2	3.2	.5								9.2	5.1
SW	1.3	3.7	3.7	.6								9.3	5.5
WSW	1.5	2.7	1.8	.2								6.1	5.6
W	1.2	1.1	.3									2.7	4.2
WNW	.2	.2	.1									1.3	3.6
NW	.7	1.2	.1									1.3	4.0
NNW	1.4	1.5	.1	.1								3.2	3.9
VARBL	3.1	.2	.0									3.9	3.1
CALM												28.6	
	23.3	30.1	15.8	1.9								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 3113

U.S. AIR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAA

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4244 STATION NAME STANISLAF AFB YEARS 68-72, 73-79 MONTH SEP
CLASS ALL WEATHER HOURS (L.S.T.) 1632-2600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	5.3	.1									7.8	3.4
NNE	2.2	2.5	.3	.1								5.2	4.1
NE	1.4	2.6	.6									4.5	4.3
ENE	.4	1.1	.1	.1								1.7	4.8
E	.8	.4	.1									1.4	3.5
ESE	.6	.3										.8	3.0
SE													
SSE	.1	.3	.1									.5	5.8
S	.7	1.4	.8	.1								3.1	5.8
SSW	.3	.6	.1									1.2	4.4
SW	.6	.6										1.1	3.3
WSW	.3	.1	.1									.6	5.3
W													
WNW	.6	.6										1.1	3.8
NW	.4	.2										.7	4.0
NNW	1.4	.7	.1									2.2	3.5
VARBL	1.4											1.4	2.5
CALM												56.8	
	14.5	14.6	2.6									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION AAF KJ 62-70, 73-79 SEP
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
800-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	5.5	1.9									12.6	4.3
NNE	3.2	3.9	1.2									8.1	4.5
NE	1.6	3.4	1.5									6.5	4.8
ENE	.9	1.5	.4									2.7	4.4
E	1.1	.4	.1									1.5	3.6
ESE	.7	.1										.8	2.9
SE	.7											.5	2.5
SSE	.7	.3	.3									.5	5.2
S	1.5	1.3	.7	.5								4.2	5.6
SSW	1.6	1.5	.7									3.4	3.9
SW	.9	1.5	.5	.1								3.1	5.1
WSW	.9	.4	.1									1.9	4.2
W	.5	.2	.4									1.9	4.9
WNW	1.1	.2	.1									2.2	4.1
NW	1.7	1.1	.1									3.7	3.5
NNW	4.2	3.5	.1	.1								7.8	3.7
VARBL	2.2	.5	.3									2.3	3.5
CALM												36.7	
	27.2	27.3	8.1	.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 244 STATION NAME STANLEY AFB TX YEARS 68-77, 77-79 SEP MONTH
ALL WEATHER CLASS 127-147 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.7	2.2	.6								11.9	5.3
NNE	1.5	3.4	1.5	.1								5.5	5.3
NE	1.3	3.2	.7									5.3	5.0
ENE	1.3	2.8	.6									4.7	4.5
E	1.2	1.3	.7									2.8	5.2
ESE	.3	.9	.3									1.5	5.2
SE	.1	.4										.5	3.3
SSE	.1	.5										.7	4.8
S	1.3	2.2	.4									4.2	4.5
SSW	1.5	3.3	1.2	.1								5.5	5.1
SW	1.2	3.2	2.3	.4								7.2	5.2
WSW	1.5	3.8	1.2									5.4	4.2
W	1.9	2.3	.4									5.1	4.2
WNW	1.2	3.1	.1									4.2	4.4
NW	1.2	2.3	.6									4.1	4.5
NNW	2.3	4.1	.9									7.3	4.6
VARBL	4.2	1.3										5.5	3.2
CALM												15.5	
	25.2	44.3	13.2	1.3								122.7	4.1

TOTAL NUMBER OF OBSERVATIONS 683

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4244 STATION NAME AAF 42 YEARS 62-70, 73-74
CLASS ALL WEATHER
CONDITION
MONTH SEP
PERIOD 15-17-1966
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	0.4	2.3	.3								1.2	5.5
NNE	1.4	3.7	.9	.5	.2							5.7	5.2
NE	1.2	1.4	1.4	.2								4.2	5.3
ENE	.3	1.2	.5									3.5	4.4
E	.3	.5	.5	.2								1.2	5.7
ESE	.9		.2									.9	3.5
SE	.5	.5										1.2	4.4
SSE	.5	.3	.2									1.1	3.7
S	.5	1.7	.2	.2								4.1	4.4
SSW	1.2	1.7	1.7	.2								5.5	5.1
SW	1.2	4.5	2.5	.2								3.4	5.7
WSW	2.5	4.2	2.2	.3								9.2	5.2
W	3.4	3.4	.9	.3								5.1	4.5
WNW	1.6	1.3	.2									2.5	3.5
NW	2.5	1.2	.3									4.1	3.5
NNW	2.2	4.1	.8		.2							7.2	4.5
VARBL	3.3	.5	.2									4.4	3.1
CALM												16.3	
	23.5	37.3	14.8	2.2	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
ON FILE

4-244 STATION 21ANTON AFB AL STATION NAME 66-70, 73-79 YEARS SEP MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	1.5	.2								1.8	4.7
NNE	1.2	2.4	1.2	.2	.2							1.6	4.9
NE	1.4	2.7	1.0	.2								3.2	4.6
ENE	.8	1.6	.4	.2								1.5	4.5
E	.9	.5	.4	.2								1.9	4.0
ESE	.6	.3	.1									1.0	3.9
SE	.7	.3										.5	3.7
SSE	.3	.4	.1									.1	4.7
S	1.4	1.7	.5	.2								2.3	2.0
SSW	1.7	1.7	.8	.1								4.2	4.5
SW	1.7	2.4	1.3	.2								4.3	5.7
WSW	1.2	2.2	.9	.1								4.3	5.2
W	1.4	1.7	.4	.1								3.5	4.5
WNW	1.1	1.4	.1									2.2	4.1
NW	1.3	1.2	.7									2.9	3.9
NNW	2.2	3.1	.5	.2	.2							5.1	4.3
VARBL	2.7	.7	.1									3.5	3.1
CALM												34.7	
	24.0	30.6	9.5	1.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 2755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

4-244 STATION 44E K CLASS ALL FEATHERS OCT MONTH
STATION NAME 54-70.77-79 YEARS 600-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.1	.4									5.5	3.3
NNE	2.5	2.2	.4									5.1	3.9
NE	.3	.4	.4									1.7	4.2
ENE	.4	1.7	.1									1.5	4.4
E	.4											.4	2.7
ESE	.3	.1										.4	3.2
SE													
SSE	.1		.1									.2	5.5
S	.1		.7									.3	5.5
SSW	.1		.1									.3	5.5
SW	.1	.1										.3	5.5
WSW	.1	.1	.1									.4	5.3
W			.2									.3	7.5
WNW			.1									.1	7.5
NW	.1	.1		.1								.4	5.5
NNW	1.2	.1	.3									1.4	4.5
VARBL	.2	.7										1.1	3.4
CALM												74.9	
	11.1	6.7	3.2	.1								11.7	.8

TOTAL NUMBER OF OBSERVATIONS 72

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4249 STATION NAME MAC K2 62-76.73-79 001
STATION CLASS ALL WEATHERED MONTH 200-1100
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.4	0.1	0.0	0.1								1.2	4.1
NNE	2.2	2.0	0.4									2.2	4.0
NE	2.3	1.0	0.4									4.2	4.0
ENE	1.0	1.0										2.9	3.0
E	1.0	0.7	0.1									1.8	2.6
ESE	0.3	0.3										0.6	2.5
SE		0.1	0.3									0.4	2.3
SSE	0.2	0.3	0.3									0.8	2.2
S	1.4	0.2	0.5									2.1	4.2
SSW	0.4	0.5	0.4									1.3	4.6
SW	0.5	0.2										0.7	3.5
WSW	0.5	1.0										2.1	4.1
W	1.2	1.0	0.3									2.5	3.3
WNW	0.2	1.0	0.3									1.5	3.8
NW	1.6	1.0	0.3									4.9	3.7
NNW	2.0	0.7	0.5	0.4								7.3	4.4
VARBL	2.8	0.5	0.1									3.4	3.0
CALM												40.6	
	27.4	25.3	6.2	0.5								110.5	2.4

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 4-44 STATION NAME STATION CAF KJ YEARS 68-70, 73-79 MONTH 063
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.3	1.9	.6								3.2	2.5
NNE	1.1	1.3	.6									1.2	4.7
NE	1.1	1.3	.6									2.5	4.7
ENE	.8	1.4	.1									2.4	4.3
E	.6	.3	.4									1.3	5.7
ESE	.5	.1										.7	2.3
SE	.3	.4										.7	3.6
SSE	.1	.3	.7	.1								1.3	7.0
S	1.4	2.1	.8	.3								4.5	2.4
SSW	1.3	2.5	1.3	.3								2.5	2.4
SW	.5	3.3	1.7									5.5	5.6
WSW	2.1	3.2	1.9									7.2	5.3
W	2.2	3.2	1.4	.1								7.2	2.1
WNW	3.3	3.6	1.9									8.2	4.4
NW	2.4	2.1	1.7									6.1	5.3
NNW	3.2	4.3	1.8	.1								10.2	4.5
VARBL	3.5	1.1	.7									5.3	3.2
CALM												17.4	
	27.3	36.2	17.5	1.5								172.7	4.1

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 42244 STATION NAME STANTON AAF KC YEARS 63-70, 73-79 MONTH 261
CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.1	2.2	.3								3.7	5.4
NNE	.6	1.1	.6									2.2	5.3
NE	.6	1.5	.4									2.5	5.7
ENE	.1	.7	.4									1.3	5.8
E	.3	.6										.9	4.5
ESE	.1	.3										.4	4.2
SE	.1		.1									.3	5.0
SSE	.5	.3										.9	3.2
S	1.2	.7	.4									.3	4.5
SSW	1.2	2.4	1.3	.4								5.6	5.5
SW	1.9	4.8	1.8	.1								3.7	5.2
WSW	3.5	7.5	2.8									13.2	4.3
W	3.5	4.1	2.1	.3								10.7	4.9
WNW	1.5	2.1	1.3	.3								5.1	5.3
NW	1.5	2.1	1.3	.1								5.7	5.4
NNW	3.7	4.4	.9									9.0	4.1
VARBL	4.1	1.7	1.0	.3								8.5	4.2
CALM												16.9	
	26.6	37.2	16.7	1.9								100.7	4.1

TOTAL NUMBER OF OBSERVATIONS 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

41244 STATION 51470N 105E 40 STATION NAME 59-71.73-79 YEARS 30T MONTH
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.7	1.6	.2								4.6	4.6
NNE	1.5	1.9	.6									4.1	4.3
NE	1.1	1.4	.5									3.7	4.4
ENE	.5	1.2	.2									2.7	4.3
E	.6	.4	.1									1.1	4.2
ESE	.7	.2										.5	3.3
SE	.1	.1	.1									.7	5.3
SSE	.3	.2	.3	.7								.3	5.4
S	1.3	.2	.6	.1								2.7	4.9
SSW	.7	1.5	.8	.2								3.1	5.4
SW	.5	2.2	.5	.7								3.2	5.2
WSW	1.5	3.7	1.2									5.7	4.9
W	1.7	2.1	1.3	.1								4.3	4.2
WNW	1.7	1.8	.9	.1								4.5	4.7
NW	1.7	1.5	.8	.1								4.1	4.7
NNW	2.3	3.1	.9	.1								6.9	4.3
VARBL	2.3	.7	.5	.1								4.2	3.8
CALM												38.5	
	23.1	26.3	14.5	1.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 2891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STATION 2AF KO 68-72.72-72 NOV
STATION NAME YEARS MONTH
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.9	.7									4.1	4.5
NNE	.9	1.1	.1									2.1	3.9
NE	.6	.7	.3									1.6	4.3
ENE	.6	.6	.1									1.3	3.9
E	.7	.9										1.6	3.3
ESE	.3	.6	.3									1.1	4.8
SE	.1	.1										.3	3.5
SSE	.6	.4	.1									1.1	4.7
S	1.5	1.0										2.0	3.6
SSW	.9	.4										1.3	2.9
SW	.4	.7	.3									1.4	4.6
WSW	.4	.6	.4									1.4	5.2
W	.1	.3	.1									.5	5.5
WNW	.7	.7	.4	.1								1.6	5.5
NW	.3	.1	.4									.9	5.3
NNW	1.4	.6	.3									2.3	3.4
VARBL	.1		.1									.3	4.5
CALM												75.0	
	12.7	12.3	3.9	.1								122.0	1.1

TOTAL NUMBER OF OBSERVATIONS 732

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STATION 4AF 60 STATION NAME 63-70, 73-79 YEARS NOV
MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.9	3.3	1.9									11.2	4.2
NNE	2.9	2.2	.7									5.8	4.7
NE	1.9	.8	.3									3.0	3.4
ENE	1.7	.4										.1	2.5
E	.8	.3										1.1	3.3
ESE	.7	.4	.4									1.5	4.4
SE	.1		.4	.1								.7	4.0
SSE	.6	.7										1.9	5.5
S	.6	2.1	1.0									3.6	5.5
SSW	.3	.8	.7									1.8	5.6
SW	.4	1.5	.4									2.3	4.8
WSW	.6	.6	.6	.1								1.6	5.9
W	.5	2.5	1.0									4.0	5.3
WNW	1.4	.4	1.0	.1								3.3	5.2
NW	1.7	2.5	.6									4.7	4.6
NNW	3.2	2.5	1.0									6.9	4.3
VARBL	1.4		.4	.1								1.9	4.3
CALM												42.4	
	24.5	21.6	17.9	.6								17.0	2.6

TOTAL NUMBER OF OBSERVATIONS 726

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION AAF 40 63-79, 73-79 VCV
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	5.3	1.8	.3								11.2	4.5
NNE	1.3	1.5	.1									2.8	4.1
NE	.6	1.2	.1									1.8	4.3
ENE	.7	1.2	.1									1.9	3.8
E	.4	.6										1.2	3.7
ESE	.1	.7	.1									1.3	5.6
SE	.4	.3	.6									1.2	5.8
SSE	.1	.3	.7	.1								1.3	7.1
S	2.1	3.1	2.2	.3								7.7	5.4
SSW	2.1	4.2	1.9	.1								8.2	5.2
SW	1.2	3.6	2.4	.4								7.6	6.1
WSW	1.3	3.4	.9	.3								5.9	5.2
W	3.3	1.9	2.1	.4								7.7	5.2
WNW	2.5	2.7	1.9	.4								7.6	5.3
NW	3.7	3.9	1.5	.1								9.2	4.4
NNW	1.9	3.1	1.6	.3								7.2	5.3
VARBL	.6	.6	.6	.1	.3							2.2	7.5
CALM												14.6	
	25.9	37.3	18.9	3.1	.3							108.7	4.4

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

42244 STATION 42244 STATION NAME STANTON AFB MO 68-71, 73-79 YEARS 42244 MONTH NOV
CLASS ALL WEATHER 1940-1970
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.5	1.9	.5								7.2	5.9
NNE	.5	.5	.5									1.9	4.3
NE	.5	.2	.2									1.7	4.6
ENE	.3	.5										1.3	3.5
E	.3	.2	.3									.8	4.5
ESE	.6	.2										.3	3.2
SE	.5		.3									.5	3.2
SSE	.5	.4	1.3									2.7	5.5
S	2.2	2.2	1.1	.5								6.7	5.3
SSW	3.3	3.1	1.1									7.5	4.3
SW	1.6	5.9	3.8	.8	.2							12.2	5.6
WSW	4.5	3.7	2.4	.6								11.1	5.0
W	3.5	3.3	1.4	.5								9.2	5.1
WNW	2.5	2.5	1.7	.5	.2							7.5	5.9
NW	1.5	2.4	.8	.2								4.9	4.6
NNW	1.7	2.5	1.9	.6								6.3	5.9
VARBL	.8	.7	.8									1.3	5.2
CALM												15.4	
	27.2	32.4	19.6	4.1	.3							122.7	4.5

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

42244 STATION AAF KO 65-73-73-79
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
YGV
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.5	1.6	.7								2.4	4.2
NNE	1.4	1.5	.4									3.2	4.2
NE	1.2	.7	.2									1.5	4.2
ENE	1.2	.6	.1									1.5	3.3
E	.6	.5	.1									1.1	3.5
ESE	.4	.5	.2									1.1	4.5
SE	.2	.1	.3	.2								.5	6.2
SSE	.5	.5	.7	.2								1.3	5.6
S	1.4	2.1	1.1	.2								4.2	5.2
SSW	1.5	2.0	.9	.2								5.5	4.8
SW	.9	2.3	1.6	.3	.2							5.7	5.1
WSW	1.6	2.2	1.0	.3								4.2	5.2
W	1.8	2.1	1.1	.2								5.2	5.2
WNW	1.5	1.5	1.2	.3	.1							4.2	5.5
NW	1.3	2.2	.8	.1								4.2	4.2
NNW	2.1	2.2	1.2	.2								5.7	5.2
VARBL	.7	.2	.5	.1	.1							1.6	5.7
CALM												37.9	
	21.2	25.1	13.0	1.9	.1							130.2	3.1

TOTAL NUMBER OF OBSERVATIONS 7778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STANTON AAF MD 68-70, 73-74 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 680-0000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	1.6	.8									2.5	3.8
NNE	2.1	.7	.1									2.9	3.3
NE	.4	1.2	.1									1.7	4.6
ENE	.8	.4	.1									1.3	4.2
E	1.1	.6	.1									2.2	3.5
ESE	.4	.3										.7	3.0
SE	.3											.4	2.5
SSE	.1											.1	3.0
S	1.1	.9	.7									2.5	4.6
SSW	.2	.4	.1									1.3	3.6
SW	.2	.4	.1									1.3	3.5
WSW	.1	.3	.3									.7	5.8
W	.1	.5	.1									.3	4.7
WNW	.5	.9	.4									1.2	4.6
NW		1.1	.1									1.2	5.1
NNW	1.5	.9	.8									3.2	4.2
VARBL	.7	.7										.5	3.8
CALM												72.1	
	13.5	10.5	4.2									100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

40244 STATION 48F 40 STATION NAME 68-73, 73-79 YEARS DEC
MONTH
ALL WEATHER
CLASS
CONDITION
HOURS [L.S.T.]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	4.1	1.2	.1								9.2	4.2
NNE	2.8	1.5	.3									4.5	3.4
NE	.4	1.1										1.5	4.1
ENE	.7	1.5										2.1	4.1
E	.7	1.1	.3									2.0	3.9
ESE		.1										.1	4.5
SE	.5	.1										.7	2.8
SSE	.2	.4	.1									.8	5.2
S	.8	.4	.4									2.0	4.7
SSW	.8	.7	.3									1.7	4.5
SW	.8	1.5		.1								2.4	4.3
WSW	.5	.3	.1	.1								1.1	4.5
W	.7	.7	.4	.4								2.1	6.5
WNW	1.6	2.1	1.2									4.8	4.5
NW	1.3	3.2	.4	.1								5.1	4.5
NNW	2.5	2.5	1.3									3.4	4.4
VARBL	.7	.4										1.1	3.5
CALM												62.4	
	18.9	21.7	6.0	.9								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 244 STATION NAME CAE K. YEARS 65-70, 73-79 MONTH 7-8
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.5	3.0	.1								11.2	5.1
NNE	.5	1.2	.4									2.2	4.7
NE	.1	1.5										1.5	4.5
ENE	.3	.6										.9	4.2
E	.1	.4										.5	3.9
ESE	.1	.1										.2	3.5
SE	.3	.1	.1									.5	4.5
SSE	.2	1.0	.4									1.6	5.1
S	1.3	2.4	2.4	.1								6.2	5.7
SSW	1.2	3.4	1.5	.1								6.2	5.5
SW	.9	2.2	.4	.1								3.7	5.0
WSW	1.3	1.5	.6									3.4	4.7
W	1.6	1.8	1.2	.1	.1							4.7	5.5
WNW	3.3	2.4	2.5	.3								8.5	5.2
NW	4.3	3.1	2.8	.1								10.4	4.9
NNW	2.7	4.8	2.2	.6								13.3	5.6
VARBL	1.2	.3	.2									1.5	3.6
CALM												25.3	
	23.5	31.4	18.7	1.8	.1							17.0	5.8

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
 JAFETAC
 AIR WEATHER SERVICE / MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 444 STATION NAME STANTON AAF KS YEARS 54-70, 73-79 MONTH 3-5
 CLASS ALL WEATHER 1500-1700
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	1.5	.2								2.7	4.1
NNE	.5	1.5	.5									2.3	4.5
NE	.5	.5	.2									1.2	4.1
ENE	.5	.7										1.2	3.6
E	.2	.5	.2									.3	5.2
ESE	.5											.3	2.6
SE		.2										.2	4.1
SSE	.5	.7	.2									1.7	4.2
S	2.7	3.3	1.2									5.5	4.6
SSW	1.3	3.3	2.2	.3								5.7	5.2
SW	1.8	3.2	2.3									7.3	5.4
WSW	2.3	3.2	.5	.2								5.5	4.5
W	3.3	3.2	2.3	1.2								7.3	5.8
WNW	1.3	2.7	2.7	.5								7.7	6.2
NW	2.2	2.7	1.3	.5								5.5	5.6
NNW	.5	2.3	3.2	.5								7.2	6.3
VARBL	.5	.2	.7									1.7	4.4
CALM												24.3	
	23.1	35.4	19.3	3.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 221

AD-A100 251 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
STANTON AAF, TONGSO RI, KOREA. REVISED UNIFORM SUMMARY OF SURFA--ETC (U)
MAR 81

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/6 4/2
STANTON AAF, TONGSO RI, KOREA. REVISED UNIFORM SUMMARY OF SURFA--ETC (U)
MAR 81

USAFETAC/DS-81/046

SBIE-AD-E850 074

4

2 of 4

AD
510015

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE FIRST PAGE

STATION 4444 STANTON SAE KC STATION NAME 65-77.77-79 YEARS DEC MONTH
ALL WEATHER CLASS ALL HOURS [L.S.Y.]
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	1.6	.1								1.2	4.0
NNE	1.7	1.1	.3									2.1	3.9
NE	.4	1.1	.1									1.5	4.5
ENE	.5	.8	.0									1.4	4.0
E	.5	.7	.1									1.4	3.9
ESE	.3	.1										.5	3.0
SE	.7	.1	.0									.4	3.4
SSE	.4	.5	.2									1.2	4.0
S	1.3	1.2	1.1	.0								4.2	5.1
SSW	1.3	1.8	.9	.1								4.2	5.1
SW	1.3	1.7	.6	.1								3.5	4.9
WSW	1.0	1.2	.4	.1								2.7	4.7
W	1.7	1.4	.9	.4	.0							5.2	5.7
WNW	1.5	1.9	1.6	.2								5.5	5.7
NW	1.9	2.5	1.1	.2								5.5	5.0
NNW	1.9	2.6	1.8	.3								5.5	5.4
VARBL	.7	.3	.2									1.2	4.0
CALM												45.3	
	19.5	22.9	11.2	1.4	.0							111.3	2.7

TOTAL NUMBER OF OBSERVATIONS 2779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH CAUTION
SEE LAST PAGE

4/249 STATION A&F KC 63-70,73-00 YEARS

ALL

ALL
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.0	1.3	.2	.0	.0						7.2	4.7
NNE	1.5	1.9	.7	.1	.0							4.2	4.7
NE	.3	1.4	.6	.0								2.9	4.9
ENE	.3	1.1	.4	.0	.0							2.2	4.5
E	.7	.3	.2	.0								1.7	4.5
ESE	.4	.4	.1	.0								.2	4.3
SE	.2	.2	.1	.0								.4	4.5
SSE	.4	.5	.3	.0								1.1	5.1
S	1.4	2.3	1.5	.3	.0	.0						1.5	5.6
SSW	1.4	2.9	2.4	.3	.0							7.1	5.3
SW	1.4	3.3	3.2	.7	.0							5.5	5.5
WSW	1.4	2.2	2.3	.3	.0							6.3	6.0
W	1.2	2.0	1.1	.2	.0							4.5	5.4
WNW	1.2	1.5	.9	.1	.0							3.5	5.2
NW	1.2	1.5	.8	.1	.0							3.7	5.0
NNW	1.3	2.1	1.0	.2	.0							5.1	4.9
VARBL	1.4	.6	.3	.1	.0							2.3	4.2
CALM												72.2	
	2.0	28.1	17.0	2.6	.1	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 34289

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

USE WITH FORM
5010-107-01

40244 STATION AAF KS 65-73, 73-60
STATION NAME YEARS
INSTRUMENT
CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE
CONDITION
AND/OR VSBY 1/2 TO 1-1/2 MI W/ CIG 200 FT OR MORE
All
MONTH
8
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.3	.5	.1								4.4	4.4
NNE	1.7	1.4	.5	.1								3.2	4.6
NE	.6	.6	.4									1.6	4.8
ENE	.7	.7	.2									1.6	4.1
E	.7	.6	.1									1.4	4.0
ESE	.3	.2	.0									.2	3.8
SE	.1	.1	.0									.2	3.5
SSE	.5	.6	.2	.0								1.0	3.1
S	2.7	3.3	2.6	.6		.0						3.3	3.6
SSW	2.3	4.4	3.0	.6	.0							10.4	5.9
SW	1.9	3.2	3.3	.7	.2							5.8	6.2
WSW	1.1	1.6	1.3	.5	.0							4.4	6.2
W	.3	.6	.3	.0								1.2	5.2
WNW	.7	.6	.2									1.5	4.0
NW	1.0	.6	.1	.0								1.7	3.8
NNW	1.4	1.0	.2	.0	.0							2.7	3.9
VARBL	.8	.2	.0									1.0	3.2
CALM												42.9	
	18.5	22.7	13.2	2.6	.1	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 4073

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which a station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 244
STATION

STATION ZAF KC
STATION NAME

69-72,73-87
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-7500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	42.2	43.6	55.3	56.8	62.7	62.1	62.4	63.4	63.4	63.7	63.7	63.7	64.7	64.0	64.0	64.0
≥ 18000 ≥ 6000	43.2	50.0	57.5	59.4	63.8	64.3	64.4	65.7	65.9	66.1	66.3	66.3	66.5	66.5	66.5	66.5
≥ 14000 ≥ 2000	43.5	50.3	57.9	59.8	64.4	64.6	65.7	66.3	66.4	66.7	66.9	66.9	67.1	67.1	67.1	67.1
≥ 10000 ≥ 2000	43.7	50.4	58.1	59.9	64.6	64.7	65.1	66.4	66.6	66.9	67.0	67.3	67.3	67.3	67.3	67.3
≥ 8000 ≥ 2000	43.9	50.7	58.3	59.4	65.7	65.1	65.6	66.9	67.0	67.3	67.4	67.4	67.7	67.7	67.7	67.7
≥ 6000 ≥ 2000	44.3	51.7	59.3	60.7	66.4	66.6	67.3	68.3	68.4	68.7	68.9	68.9	69.2	69.2	69.2	69.2
≥ 4000 ≥ 2000	44.8	51.7	59.3	60.7	66.7	66.9	67.3	68.6	68.7	69.0	69.2	69.2	69.5	69.5	69.5	69.5
≥ 3000 ≥ 2000	45.8	53.2	61.2	62.4	69.2	69.3	69.9	71.2	71.3	71.6	71.8	71.8	72.0	72.0	72.0	72.0
≥ 2000 ≥ 2000	45.4	53.7	62.1	63.4	70.5	70.6	71.2	72.5	72.6	72.9	73.1	73.1	73.3	73.3	73.3	73.3
≥ 1800 ≥ 5000	46.7	54.0	62.3	63.8	71.0	71.2	71.9	73.1	73.2	73.5	73.6	73.6	73.9	73.9	73.9	73.9
≥ 1600 ≥ 5000	47.1	54.6	63.1	64.4	71.8	71.9	72.5	73.9	74.1	74.5	74.6	74.6	74.9	74.9	74.9	74.9
≥ 1400 ≥ 4000	47.3	54.8	63.4	64.7	72.2	72.3	73.1	74.4	74.5	74.9	75.1	75.1	75.4	75.4	75.4	75.4
≥ 1200 ≥ 3000	48.4	56.1	64.7	66.1	73.9	74.1	74.8	76.1	76.2	76.7	76.8	76.8	77.1	77.1	77.1	77.1
≥ 1000 ≥ 2000	49.4	57.2	66.1	67.6	76.1	76.2	76.9	78.2	78.4	78.8	79.0	79.0	79.3	79.3	79.3	79.3
≥ 800 ≥ 2000	52.9	62.2	71.3	73.3	83.7	84.0	86.0	88.2	88.3	88.9	89.2	89.2	89.5	89.5	89.5	89.5
≥ 600 ≥ 2000	53.1	62.4	72.6	74.5	86.5	86.9	89.0	91.2	91.4	91.9	92.2	92.2	92.9	92.9	93.2	93.2
≥ 400 ≥ 2000	53.3	62.5	72.8	75.1	87.5	88.0	90.5	92.7	92.8	93.5	93.9	93.9	94.7	95.0	95.0	95.0
≥ 300 ≥ 1500	53.3	62.5	72.8	75.1	87.5	88.0	90.5	92.8	92.9	93.7	94.1	94.1	94.8	95.1	95.1	95.1
≥ 200 ≥ 1000	53.3	62.5	72.8	75.1	87.5	88.0	90.9	93.2	93.4	94.2	94.7	94.7	95.4	95.7	95.7	95.7
≥ 100 ≥ 800	53.3	62.5	72.8	75.1	87.8	88.3	91.2	93.5	93.7	95.0	95.5	95.5	96.4	96.7	96.7	96.7
≥ 80 ≥ 600	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.2	94.4	95.7	96.5	96.5	97.4	97.7	97.7	97.7
≥ 60 ≥ 400	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.2	94.4	95.8	96.8	96.8	97.8	98.1	98.1	98.1
≥ 40 ≥ 300	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.2	94.4	95.8	96.8	96.8	97.8	98.1	98.4	98.4
≥ 30 ≥ 200	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.2	94.4	95.8	96.8	96.8	97.8	98.1	98.4	98.4
≥ 20 ≥ 100	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.4	94.5	96.0	97.0	97.0	98.6	99.0	99.4	99.7
≥ 10 ≥ 50	53.5	63.0	73.5	75.6	88.5	89.0	91.9	94.4	94.5	96.0	97.0	97.0	98.6	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 594

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 244
STATION

STANTON AFB KS

STATION NAME

69-70,73-80

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1969
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO. REPORTS	73.7	44.1	42.5	51.6	58.5	59.8	61.5	63.0	63.7	63.1	64.0	64.3	64.2	64.3	64.3	64.3
≥ 20000	25.7	47.4	53.2	55.2	63.0	64.5	66.2	67.6	67.8	68.7	69.1	69.1	69.2	69.2	69.3	69.3
≥ 18000	36.0	47.5	53.5	55.5	63.5	65.0	66.8	68.1	68.4	69.2	69.3	69.3	69.7	69.9	69.9	69.9
≥ 16000	36.0	47.5	53.5	55.5	63.5	65.0	66.8	68.1	68.4	69.2	69.3	69.3	69.7	69.9	69.9	69.9
≥ 14000	36.0	47.5	53.5	55.5	63.5	65.0	66.8	68.2	68.5	69.3	69.7	69.7	69.9	70.0	70.0	70.0
≥ 12000	36.2	48.0	54.7	56.4	64.6	66.2	68.0	69.5	69.7	70.6	71.0	71.3	71.1	71.2	71.2	71.2
≥ 10000	37.2	49.3	55.5	57.9	66.5	68.2	70.0	71.5	71.9	72.6	73.1	73.3	73.1	73.3	73.2	73.2
≥ 9000	37.2	49.5	55.8	58.2	66.9	68.7	70.4	71.9	72.2	73.0	73.4	73.4	73.5	73.7	73.7	73.7
≥ 8000	38.5	51.6	57.3	60.5	69.3	71.1	73.0	74.6	74.9	75.7	76.1	76.1	76.3	76.4	76.4	76.4
≥ 7000	38.8	52.0	58.2	61.1	70.0	71.8	73.7	75.3	75.6	76.4	76.9	76.9	77.1	77.2	77.2	77.2
≥ 6000	38.8	52.0	58.2	61.1	70.0	71.8	73.7	75.3	75.6	76.4	76.9	76.9	77.1	77.2	77.2	77.2
≥ 5000	39.1	52.2	58.5	61.3	70.7	72.5	74.4	76.0	76.3	77.2	77.7	77.7	77.9	78.0	78.0	78.0
≥ 4500	39.1	52.2	58.5	61.3	70.7	72.5	74.4	76.0	76.3	77.2	77.7	77.7	77.9	78.0	78.0	78.0
≥ 4000	39.8	53.3	59.7	62.6	72.6	74.4	76.3	77.9	78.2	79.1	79.6	79.6	79.8	79.9	79.9	79.9
≥ 3500	40.3	53.9	60.4	63.5	74.4	76.4	78.3	79.9	80.2	81.1	81.7	81.7	81.8	82.0	82.0	82.0
≥ 3000	41.1	56.4	64.3	67.7	79.2	81.8	84.3	86.4	86.8	88.1	89.0	89.0	89.1	89.3	89.3	89.3
≥ 2500	41.2	56.7	65.1	68.7	81.0	83.7	86.6	89.0	89.7	91.2	92.1	92.1	92.4	92.5	92.5	92.5
≥ 2000	41.5	57.3	65.7	69.2	82.5	85.2	88.2	91.0	91.7	93.2	94.3	94.3	94.7	94.8	94.8	94.8
≥ 1800	41.5	57.3	65.7	69.2	82.5	85.2	88.2	91.0	91.7	93.2	94.3	94.3	94.7	94.8	94.8	94.8
≥ 1600	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 1400	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 1200	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 1000	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 900	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 800	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 700	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 600	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 500	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 400	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 300	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 200	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 100	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7
≥ 0	41.5	57.4	65.8	69.5	82.8	85.6	88.9	91.9	92.5	94.0	95.1	95.1	95.5	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS 737

CEILING VERSUS VISIBILITY

۴۶

MONTH

17-147
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS 572

USAF ETAC FORM 0-14-5 (OL A) JUL 68 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE AVAL

CEILING VERSUS VISIBILITY

1244

STATION AAF 40

64-77, 73-87

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1940-1977
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14
≥ 8000	4.4	61.2	63.0	63.2	67.3	68.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	39.7	56.6	63.9	69.1	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	58.9	65.9	69.2	69.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	59.9	66.9	69.2	69.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	59.2	67.1	69.4	69.6	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	59.3	67.3	69.7	69.9	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	60.4	69.4	72.1	72.2	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	60.4	69.4	72.1	72.2	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	61.7	71.5	74.5	74.7	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	62.3	72.4	75.3	75.5	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 1500	62.5	72.5	75.5	75.7	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1000	62.7	73.4	76.3	76.5	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 900	62.8	73.5	76.5	76.6	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 800	64.3	76.3	79.3	81.1	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 700	65.1	77.1	81.1	81.1	85.9	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 600	66.6	77.2	84.5	84.9	91.6	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	67.1	80.1	85.5	85.9	91.8	91.8	92.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	67.6	80.6	85.7	86.5	92.8	92.8	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 300	67.6	81.6	86.1	86.5	92.8	92.8	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 200	67.8	81.8	86.2	86.7	93.4	93.4	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 100	67.8	81.8	86.2	86.7	93.4	93.4	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0	67.8	81.8	86.2	86.7	93.4	93.4	94.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0	67.8	81.1	86.7	87.2	94.4	94.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 805

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAD

CEILING VERSUS VISIBILITY

4-244
STATION

STATION NAME
STANTON AAF AB

57-77,72-57

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13
≥ 1000	43.7	51.8	56.5	57.5	61.9	62.0	63.2	63.9	63.9	64.1	64.3	64.3	64.4	64.4	64.4
≥ 800	45.1	53.3	57.1	61.4	65.2	66.9	67.5	68.3	68.4	68.7	68.9	68.9	69.1	69.1	69.1
≥ 600	46.3	55.6	60.7	61.7	65.6	67.4	68.1	68.9	69.1	69.3	69.5	69.5	69.6	69.6	69.6
≥ 400	46.3	55.6	61.5	61.7	65.3	67.4	68.1	68.9	69.1	69.3	69.5	69.5	69.6	69.6	69.6
≥ 200	46.4	55.8	61.7	61.9	67.1	67.5	68.3	69.1	69.2	69.5	69.7	69.7	69.8	69.8	69.8
≥ 100	46.7	56.0	61.7	62.5	67.6	68.3	69.1	69.2	69.9	70.2	70.4	70.4	70.5	70.5	70.5
≥ 80	47.5	57.4	62.8	64.1	69.4	70.2	70.9	71.7	71.7	72.1	72.3	72.3	72.4	72.4	72.4
≥ 60	47.5	57.8	62.8	64.2	69.7	70.4	71.1	71.9	72.7	72.3	72.5	72.5	72.6	72.6	72.6
≥ 40	48.4	59.5	64.3	65.4	72.2	73.1	73.7	74.5	74.7	75.1	75.2	75.3	75.3	75.3	75.3
≥ 20	48.5	60.2	65.7	67.4	72.6	74.4	75.1	76.2	76.1	76.4	76.7	76.7	76.8	76.8	76.8
≥ 10	49.6	60.4	65.3	67.5	73.8	74.6	75.3	76.2	76.1	76.5	76.9	76.9	77.0	77.0	77.0
≥ 5	49.8	60.9	66.4	68.1	74.6	75.4	76.1	77.2	77.2	77.6	77.6	77.7	77.7	77.7	77.7
≥ 3	49.9	61.1	66.5	68.2	74.9	75.7	76.4	77.3	77.3	77.9	78.1	78.1	78.2	78.2	78.2
≥ 2	51.1	62.5	66.8	70.1	77.3	78.3	78.8	79.7	79.8	80.3	80.3	80.5	80.5	80.5	80.5
≥ 1	51.6	63.3	69.4	71.2	79.1	80.0	80.7	81.7	81.8	82.4	82.5	82.5	82.6	82.6	82.6
≥ 0.5	53.3	66.5	72.5	75.6	84.5	85.7	87.3	88.5	88.7	89.3	89.7	89.7	89.8	89.8	89.8
≥ 0.25	53.3	66.5	74.1	75.7	85.5	87.7	89.4	90.9	91.8	91.9	92.3	92.3	92.4	92.4	92.4
≥ 0.1	54.1	67.4	75.1	77.3	87.7	89.3	90.7	92.6	92.9	93.7	94.1	94.1	94.4	94.5	94.5
≥ 0.05	54.1	67.4	75.1	77.3	87.7	89.3	90.7	92.6	92.9	93.7	94.1	94.1	94.4	94.5	94.5
≥ 0.025	54.2	67.6	75.3	77.6	88.1	89.4	91.4	93.4	93.8	94.6	95.1	95.1	95.4	95.5	95.5
≥ 0.01	54.2	67.7	75.4	77.7	88.2	89.5	91.6	93.6	93.9	94.6	95.3	95.3	95.6	95.7	95.7
≥ 0.005	54.2	67.7	75.5	77.8	88.5	89.8	91.9	93.9	94.3	95.3	95.8	95.8	96.2	96.3	96.3
≥ 0.0025	54.2	67.7	75.5	77.8	88.6	90.0	92.0	94.1	94.4	95.5	96.7	96.8	96.5	96.5	96.5
≥ 0.001	54.3	67.8	75.5	78.0	88.9	90.3	92.3	94.4	94.8	95.9	96.6	96.6	97.2	97.3	97.3
≥ 0.0005	54.3	67.8	75.5	78.3	89.2	90.6	92.7	94.8	95.2	96.4	97.2	97.2	97.3	97.9	97.9
≥ 0.00025	54.3	67.8	75.5	78.3	89.3	90.7	92.7	94.9	95.3	96.5	97.4	97.4	98.2	98.4	98.4
≥ 0.0001	54.3	67.8	75.5	78.3	89.3	90.7	92.8	94.9	95.4	96.6	97.6	97.6	98.5	98.7	98.9
≥ 0.00005	54.3	67.8	75.5	78.3	89.3	90.7	92.8	94.9	95.4	96.7	97.6	97.6	98.7	98.9	98.9
≥ 0.000025	54.3	67.8	75.5	78.3	89.3	90.7	92.9	95.1	95.5	96.8	97.8	97.8	98.9	99.1	99.6
≥ 0.00001	54.3	67.8	75.5	78.3	89.3	90.7	92.9	95.1	95.5	96.8	97.8	97.8	98.9	99.3	99.6
≥ 0.000005	54.3	67.8	75.5	78.3	89.3	90.7	92.9	95.1	95.5	96.9	97.9	97.9	98.9	99.4	99.9
≥ 0.0000025	54.3	67.8	75.5	78.3	89.3	90.7	92.9	95.1	95.5	96.9	97.9	97.9	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE / PAC

CEILING VERSUS VISIBILITY

STATION 44 STATION NAME 57-70,73-50 YEARS MONTH 5-7-80 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 8000	47.4	57.7	51.8	61.7	50.7	51.4	51.7	51.7	51.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 7000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 4000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 3000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 2000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 1000	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 800	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 700	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 600	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 500	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 400	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 300	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 200	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 100	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 0	41.6	49.3	54.4	55.6	63.7	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3

TOTAL NUMBER OF OBSERVATIONS 547

CEILING CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

8-244
STATION

STATION NAME

69-77, 73-80

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1-11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 1000	34.3	45.1	47.9	49.4	55.7	56.5	57.2	57.5	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.7
≥ 800	35.5	48.1	52.4	53.2	60.4	61.8	62.5	63.3	64.1	64.3	64.5	64.5	64.5	64.5	64.5	64.7
≥ 600	37.1	48.3	53.1	54.6	61.2	62.9	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 400	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 200	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 100	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 80	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 60	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 40	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 20	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 10	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 8	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 6	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 4	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 3	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 2 1/2	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 2	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1 1/2	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 3/4	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/2	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/4	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/8	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/16	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/32	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5
≥ 1/64	37.1	48.3	53.1	54.6	61.2	62.5	63.2	64.5	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.5

TOTAL NUMBER OF OBSERVATIONS 8

JOINT CLIMATOLOGY BRANCH
 AFMSTAC
 AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

4 244
 STATION

STANTON AAF KS
 STATION NAME

59-70,73-50

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

12 0-1400
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
≥10000	41.7	49.2	51.7	52.6	53.3	53.8	54.3	54.7	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2
≥7500	45.7	54.6	58.1	59.2	60.2	60.8	61.3	61.7	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2
≥5000	47.5	56.6	60.1	61.2	62.3	62.9	63.4	63.8	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3
≥4000	47.5	56.6	60.1	61.2	62.3	62.9	63.4	63.8	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3
≥3000	47.7	56.9	60.4	61.5	62.6	63.2	63.7	64.1	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6
≥2000	48.9	57.8	61.3	62.4	63.5	64.1	64.6	65.0	65.3	65.6	65.9	66.2	66.5	66.8	67.1	67.4
≥1800	49.5	58.2	61.7	62.8	63.9	64.5	65.0	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	67.8
≥1600	50.0	58.7	62.2	63.3	64.4	65.0	65.5	65.9	66.2	66.5	66.8	67.1	67.4	67.7	68.0	68.3
≥1400	50.3	59.0	62.5	63.6	64.7	65.3	65.8	66.2	66.5	66.8	67.1	67.4	67.7	68.0	68.3	68.6
≥1200	51.5	60.2	63.7	64.8	65.9	66.5	67.0	67.4	67.7	68.0	68.3	68.6	68.9	69.2	69.5	69.8
≥1000	51.8	60.5	64.0	65.1	66.2	66.8	67.3	67.7	68.0	68.3	68.6	68.9	69.2	69.5	69.8	70.1
≥900	52.3	61.0	64.5	65.6	66.7	67.3	67.8	68.2	68.5	68.8	69.1	69.4	69.7	70.0	70.3	70.6
≥800	53.1	61.8	65.3	66.4	67.5	68.1	68.6	69.0	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4
≥700	53.5	62.2	65.7	66.8	67.9	68.5	69.0	69.4	69.7	70.0	70.3	70.6	70.9	71.2	71.5	71.8
≥600	53.8	62.5	66.0	67.1	68.2	68.8	69.3	69.7	70.0	70.3	70.6	70.9	71.2	71.5	71.8	72.1
≥500	54.1	62.8	66.3	67.4	68.5	69.1	69.6	70.0	70.3	70.6	70.9	71.2	71.5	71.8	72.1	72.4
≥450	54.3	63.0	66.5	67.6	68.7	69.3	69.8	70.2	70.5	70.8	71.1	71.4	71.7	72.0	72.3	72.6
≥400	54.5	63.2	66.7	67.8	68.9	69.5	70.0	70.4	70.7	71.0	71.3	71.6	71.9	72.2	72.5	72.8
≥350	54.7	63.4	66.9	68.0	69.1	69.7	70.2	70.6	70.9	71.2	71.5	71.8	72.1	72.4	72.7	73.0
≥300	54.9	63.6	67.1	68.2	69.3	69.9	70.4	70.8	71.1	71.4	71.7	72.0	72.3	72.6	72.9	73.2
≥250	55.1	63.8	67.3	68.4	69.5	70.1	70.6	71.0	71.3	71.6	71.9	72.2	72.5	72.8	73.1	73.4
≥200	55.3	64.0	67.5	68.6	69.7	70.3	70.8	71.2	71.5	71.8	72.1	72.4	72.7	73.0	73.3	73.6
≥150	55.5	64.2	67.7	68.8	69.9	70.5	71.0	71.4	71.7	72.0	72.3	72.6	72.9	73.2	73.5	73.8
≥100	55.7	64.4	67.9	69.0	70.1	70.7	71.2	71.6	71.9	72.2	72.5	72.8	73.1	73.4	73.7	74.0
≥75	55.9	64.6	68.1	69.2	70.3	70.9	71.4	71.8	72.1	72.4	72.7	73.0	73.3	73.6	73.9	74.2
≥50	56.1	64.8	68.3	69.4	70.5	71.1	71.6	72.0	72.3	72.6	72.9	73.2	73.5	73.8	74.1	74.4
≥25	56.3	65.0	68.5	69.6	70.7	71.3	71.8	72.2	72.5	72.8	73.1	73.4	73.7	74.0	74.3	74.6
≥10	56.5	65.2	68.7	69.8	70.9	71.5	72.0	72.4	72.7	73.0	73.3	73.6	73.9	74.2	74.5	74.8
≥5	56.7	65.4	68.9	70.0	71.1	71.7	72.2	72.6	72.9	73.2	73.5	73.8	74.1	74.4	74.7	75.0
≥2	56.9	65.6	69.1	70.2	71.3	71.9	72.4	72.8	73.1	73.4	73.7	74.0	74.3	74.6	74.9	75.2
≥1	57.1	65.8	69.3	70.4	71.5	72.1	72.6	73.0	73.3	73.6	73.9	74.2	74.5	74.8	75.1	75.4
≥0	57.3	66.0	69.5	70.6	71.7	72.3	72.8	73.2	73.5	73.8	74.1	74.4	74.7	75.0	75.3	75.6

TOTAL NUMBER OF OBSERVATIONS 576

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244
STATION

STANTON AAF MO
STATION NAME

69-76,73-60
YEARS

7-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 3-3771
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32
NO CEILING ≥ 20000	49.7	55.6	56.1	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 18000	44.1	52.1	53.7	54.2	54.8	55.3	55.8	56.3	56.8	57.3	57.8	58.3	58.8	59.3	59.8	60.3
≥ 16000	35.1	43.3	44.7	45.4	46.3	47.3	48.3	49.3	50.3	51.3	52.3	53.3	54.3	55.3	56.3	57.3
≥ 14000	25.1	33.7	35.3	36.3	37.6	38.6	39.6	40.6	41.6	42.6	43.6	44.6	45.6	46.6	47.6	48.6
≥ 12000	15.1	24.4	26.5	27.7	28.9	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8	38.8	39.8
≥ 10000	8.0	17.0	19.7	20.2	21.4	22.4	23.4	24.5	25.5	26.5	27.5	28.5	29.5	30.5	31.5	32.5
≥ 9000	2.4	5.4	7.1	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 8000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 7000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 6000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 5000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 4500	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 4000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 3500	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 3000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 2500	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 2000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 1500	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 1000	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 900	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 800	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 700	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 600	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 500	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 400	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 300	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 200	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 100	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
≥ 0	0.3	0.5	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

TOTAL NUMBER OF OBSERVATIONS 567

ARMED CLIMATOLOGY BRANCH
 STAFITAC
 AT WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

STATION 41244 STATION NAME STATION 4AF 40 54-70,73-80 YEARS 1954-1955 MONTH FEB ALL HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 2500	41.7	44.0	51.4	57.0	57.8	58.2	58.6	58.8	59.4	58.9	58.7	58.7	58.7	59.1	58.1	58.2
2 2000	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 1800	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 1600	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 1400	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 1200	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 1000	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 800	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 600	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 400	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 200	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 100	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 50	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6
2 0	44.2	54.1	57.2	58.9	64.7	65.3	65.7	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.5	66.6

TOTAL NUMBER OF OBSERVATIONS 2500

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244

STANTON AFB MO

55-73,73-79

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6-30-79
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 8000	43.4	43.7	48.5	49.7	55.2	56.5	57.8	59.1	59.3	59.4	59.4	59.5	59.7	59.9	59.9	59.1
≥ 7000	35.7	49.1	54.5	56.3	62.4	64.7	65.3	66.6	66.7	67.0	67.0	67.1	67.7	67.7	67.7	67.9
≥ 6000	27.8	50.3	55.3	57.5	64.7	65.3	66.6	67.9	68.0	68.6	68.6	68.7	69.3	69.3	69.3	69.5
≥ 5000	27.8	50.3	55.3	57.5	64.7	65.3	66.6	67.9	68.0	68.6	68.6	68.7	69.3	69.3	69.3	69.5
≥ 4000	27.8	50.3	55.3	57.5	64.7	65.3	66.6	67.9	68.0	68.6	68.6	68.7	69.3	69.3	69.3	69.5
≥ 3000	27.8	50.3	55.3	57.5	64.7	65.3	66.6	67.9	68.0	68.6	68.6	68.7	69.3	69.3	69.3	69.5
≥ 2000	27.8	50.3	55.3	57.5	64.7	65.3	66.6	67.9	68.0	68.6	68.6	68.7	69.3	69.3	69.3	69.5
≥ 1000	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 800	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 600	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 400	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 200	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 100	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 0	40.3	53.6	57.4	61.4	67.6	69.2	70.5	71.3	71.9	72.5	72.5	72.6	73.2	73.2	73.2	73.3
≥ 800	41.9	55.4	62.5	64.3	72.6	73.2	74.5	75.6	75.9	76.5	76.5	76.5	76.7	77.4	77.4	77.5
≥ 700	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 600	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 500	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 400	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 300	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 200	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 100	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 0	42.5	56.5	63.7	65.6	74.2	74.8	76.2	77.5	77.7	78.4	78.4	78.4	78.5	79.3	79.3	79.4
≥ 800	44.1	59.2	66.7	69.9	79.7	79.3	80.7	82.0	82.1	83.1	83.1	83.3	84.0	84.0	84.0	84.1
≥ 700	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 600	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 500	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 400	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 300	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 200	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 100	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 0	45.4	61.0	69.2	71.5	82.4	83.4	84.9	86.2	86.3	87.5	87.5	87.6	87.8	88.5	88.5	88.6
≥ 800	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 700	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 600	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 500	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 400	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 300	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 200	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 100	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 0	46.3	62.4	71.3	72.8	84.3	85.3	86.9	88.5	88.6	89.3	89.3	89.3	90.0	90.1	90.8	91.1
≥ 800	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 700	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 600	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 500	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 400	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 300	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 200	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 100	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5
≥ 0	46.3	62.7	71.3	72.8	86.0	87.3	88.9	90.6	90.9	92.1	92.4	92.5	93.2	93.4	93.4	93.5

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

41244

STANTON AAF KS

65-71, 73-79

MA

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1951
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	34.3	43.3	48.2	49.0	53.6	53.9	54.1	54.3	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1
≥ 8000	33.5	52.3	56.3	57.8	62.9	63.2	63.7	64.3	64.4	64.5	64.7	64.8	64.8	64.8	64.8	64.8
≥ 6000	41.4	52.8	59.3	61.8	66.3	66.7	67.1	67.7	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2
≥ 4000	41.4	52.8	59.3	61.8	66.3	66.7	67.1	67.7	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2
≥ 2000	41.5	52.9	59.9	61.9	66.6	67.0	67.4	67.9	68.1	68.2	68.3	68.5	68.5	68.5	68.5	68.5
≥ 1000	42.2	53.9	61.9	61.8	67.5	67.9	68.5	69.2	69.1	69.3	69.4	69.6	69.6	69.6	69.6	69.6
≥ 800	43.7	55.9	63.1	64.3	70.4	71.2	71.7	72.3	72.4	72.5	72.7	72.8	72.8	72.8	72.8	72.8
≥ 600	43.8	56.7	63.2	64.4	70.8	71.6	72.1	72.7	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2
≥ 400	45.6	58.6	67.0	68.5	75.4	76.3	77.0	77.7	77.8	77.9	78.1	78.2	78.2	78.2	78.2	78.2
≥ 200	45.1	59.1	67.7	69.1	76.5	77.5	78.2	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4
≥ 100	45.5	59.7	68.2	69.8	77.1	78.2	78.9	79.7	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2
≥ 50	47.1	62.2	69.7	72.5	77.9	79.0	79.7	80.5	80.5	80.6	80.8	80.9	81.1	81.1	81.1	81.1
≥ 25	47.1	60.2	68.7	73.5	77.9	79.0	79.7	80.5	80.5	80.6	80.8	80.9	81.1	81.1	81.1	81.1
≥ 15	47.4	61.1	69.7	71.4	79.2	80.2	81.1	81.9	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4
≥ 10	47.5	61.8	71.1	72.8	81.6	81.7	82.5	83.4	83.5	83.6	83.8	83.9	83.9	83.9	83.9	83.9
≥ 5	48.8	63.5	73.3	75.4	84.2	85.1	85.9	86.7	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3
≥ 2	49.1	64.3	74.4	76.5	85.7	86.7	87.6	88.4	88.6	88.9	89.1	89.2	89.2	89.2	89.2	89.2
≥ 1	49.4	64.4	75.2	77.3	86.5	87.7	88.5	89.4	89.9	90.3	90.4	90.5	90.5	90.5	90.5	90.5
≥ .8	49.5	64.5	75.4	77.4	86.6	87.8	88.6	89.6	90.0	90.4	90.5	90.7	90.7	90.7	90.7	90.7
≥ .6	49.8	65.1	75.9	77.9	87.3	88.6	89.4	90.5	90.9	91.3	91.5	91.7	91.9	92.0	92.0	92.0
≥ .4	49.3	65.2	76.3	78.2	87.8	89.4	90.5	91.7	92.3	92.7	92.8	93.2	93.5	93.6	93.6	93.6
≥ .3	49.9	65.2	76.3	78.3	88.0	89.6	91.1	92.7	93.2	93.6	93.8	94.2	94.5	94.6	94.6	94.6
≥ .2	49.9	65.2	76.3	78.3	88.1	89.7	91.5	93.1	93.6	94.2	94.3	94.7	95.0	95.1	95.1	95.1
≥ .1	49.3	65.2	76.3	78.3	88.1	89.7	91.5	93.1	93.6	94.2	94.3	94.7	95.1	95.3	95.3	95.3
≥ .05	49.9	65.2	76.3	78.3	88.2	89.7	91.5	93.1	93.6	94.2	94.3	94.7	95.1	95.3	95.3	95.3
≥ .02	49.9	65.2	76.3	78.3	88.2	89.7	91.5	93.1	93.6	94.2	94.3	94.7	95.1	95.3	95.3	95.3
≥ .01	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .005	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .002	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .001	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .0005	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .0002	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5
≥ .0001	50.2	65.5	76.6	78.6	88.5	90.4	92.2	93.9	94.5	95.1	95.8	96.6	97.3	97.5	97.5	97.5

TOTAL NUMBER OF OBSERVATIONS 739

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

244
STATION

STATION NAME

68-70,73-79

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12-14-10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13
NO CEILING	44.2	50.8	54.2	54.5	54.2	53.3	51.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
27000	51.4	57.8	64.1	64.3	66.2	66.3	66.5	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9
26000	52.4	60.8	65.3	65.8	67.6	67.8	67.9	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
25000	52.4	60.9	65.3	65.3	67.6	67.8	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
24000	52.3	61.3	65.3	66.3	67.2	68.3	68.5	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
23000	52.2	62.3	67.3	68.3	70.2	70.3	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1
22000	54.5	64.5	69.3	70.3	72.9	73.2	73.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9
21000	54.6	64.9	70.3	70.9	73.6	73.9	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6
20000	56.9	68.3	73.3	74.5	77.2	77.5	77.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2
19000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
18000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
17000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
16000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
15000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
14000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
13000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
12000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
11000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
10000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
9000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
8000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
7000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
6000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
5000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
4000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
3000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
2000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
1000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
000	57.3	68.5	74.3	75.1	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0

TOTAL NUMBER OF OBSERVATIONS 701

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 244

STATION NAME
 STATION AAF KI

YEARS
 65-70, 73-79

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH
 10-1770
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 2000	44.1	49.7	50.2	50.2	51.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
1800	3.2	51.9	63.3	63.3	64.7	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
1600	14.4	54.3	66.1	66.1	67.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1400	14.4	54.4	66.3	66.3	67.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
1200	54.5	64.7	66.5	66.6	67.5	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1000	55.7	65.2	67.7	67.7	68.7	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
800	56.4	67.3	68.3	68.3	69.3	71.3	71.3	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
600	57.7	67.8	69.8	69.8	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
400	58.6	70.2	72.7	72.7	74.7	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
200	59.3	70.9	73.2	73.2	75.7	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
100	59.3	71.7	73.5	73.7	75.7	76.9	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
50	59.4	71.3	73.3	74.3	76.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
25	59.4	71.3	73.3	74.3	76.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
10	59.3	71.2	74.1	74.3	76.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
5	51.7	73.3	76.1	76.1	78.7	80.3	80.3	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
2	55.2	74.7	81.7	81.8	85.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1	57.5	80.2	85.2	85.5	90.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
0.5	65.3	83.8	87.4	87.7	92.4	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.2	68.3	83.8	87.4	87.7	92.4	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
0.1	68.3	84.3	88.3	88.3	93.2	94.6	94.6	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
0.05	68.9	84.4	88.1	88.4	93.7	95.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
0.02	68.9	84.4	88.1	88.4	93.7	95.2	95.2	95.4	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.3
0.01	69.7	84.5	88.3	88.6	93.8	95.4	95.4	95.5	95.8	96.3	96.3	96.3	96.5	96.5	96.5	96.5
0.005	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.002	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.001	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.0005	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.0002	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.0001	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.00005	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.00002	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0
0.00001	69.2	84.9	88.3	89.2	94.8	96.5	96.5	96.8	97.1	97.8	97.8	97.8	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 642

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/AMC

CEILING VERSUS VISIBILITY

STATION
4-244

STATION NAME
STANTON AFB MD

YEARS
68-70, 73-79

MONTH
ALL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 2000	45.7	46.5	50.3	50.8	54.3	54.3	55.2	55.7	55.9	55.9	56.1	56.2	56.2	56.4	56.4	56.4
≥ 1800	46.3	56.3	61.7	62.5	66.4	67.0	67.4	68.0	68.1	68.3	68.3	68.4	68.4	68.6	68.6	68.6
≥ 1600	46.3	56.8	61.3	62.5	66.4	67.0	67.5	68.0	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.6
≥ 1400	46.5	57.1	62.2	62.7	66.7	67.3	67.8	68.3	68.5	68.6	68.7	68.7	68.9	68.9	68.9	68.9
≥ 1200	47.1	58.0	63.1	63.7	67.7	68.3	68.8	69.4	69.5	69.7	69.7	69.8	70.0	70.0	70.0	70.0
≥ 1000	48.5	60.1	65.3	66.2	70.4	71.1	71.7	72.2	72.4	72.5	72.6	72.7	72.8	72.8	72.8	72.8
≥ 900	48.9	60.5	65.3	66.7	71.2	71.9	72.4	73.0	73.1	73.3	73.3	73.4	73.6	73.6	73.6	73.6
≥ 800	50.6	62.9	68.3	69.8	74.8	75.6	76.1	76.7	76.9	77.1	77.1	77.1	77.3	77.3	77.3	77.3
≥ 700	51.1	63.8	69.7	70.7	76.0	76.8	77.4	77.9	78.1	78.3	78.3	78.4	78.6	78.6	78.6	78.6
≥ 600	51.3	63.9	70.0	71.1	76.4	77.2	77.8	78.4	78.6	78.8	78.8	78.9	79.1	79.1	79.1	79.1
≥ 500	51.7	64.4	70.5	71.7	77.1	77.9	78.5	79.1	79.2	79.4	79.4	79.5	79.6	79.6	79.6	79.6
≥ 400	51.7	64.4	70.5	71.7	77.1	77.9	78.5	79.2	79.3	79.5	79.5	79.6	79.8	79.8	79.8	79.8
≥ 300	52.6	66.2	72.5	73.8	79.8	80.6	81.2	81.8	82.7	82.8	82.8	82.9	83.1	83.1	83.1	83.1
≥ 200	55.1	69.8	76.4	77.7	84.6	85.7	86.4	87.0	87.2	87.5	87.6	87.6	87.8	87.8	87.8	87.8
≥ 150	55.1	70.8	78.7	79.4	86.8	88.1	88.7	89.4	89.6	89.9	90.0	90.1	90.3	90.3	90.3	90.3
≥ 100	56.5	71.6	79.2	80.6	88.2	89.5	90.3	91.1	91.3	91.8	91.8	91.9	92.1	92.1	92.1	92.1
≥ 50	57.0	72.1	79.7	81.2	89.1	90.5	91.3	92.2	92.5	93.0	93.2	93.3	93.5	93.5	93.5	93.5
≥ 0	57.1	72.3	80.1	81.5	89.7	91.1	92.1	93.0	93.4	93.9	94.1	94.3	94.5	94.5	94.5	94.5
≥ 0	57.2	72.4	80.2	81.6	89.9	91.5	92.7	94.0	94.4	95.0	95.2	95.4	95.7	95.8	95.8	95.8
≥ 0	57.7	72.4	80.3	81.6	90.0	91.6	92.9	94.1	94.6	95.2	95.4	95.6	95.9	96.1	96.1	96.1
≥ 0	57.7	72.5	80.3	82.0	90.5	92.2	93.5	94.8	95.2	95.9	96.3	96.5	96.9	97.0	97.1	97.1
≥ 0	57.7	72.5	80.3	82.0	90.6	92.3	93.7	95.1	95.5	96.3	96.7	97.0	97.6	97.7	97.8	97.8
≥ 0	57.3	72.6	80.5	82.1	90.8	92.5	94.0	95.4	95.8	96.6	97.0	97.3	97.9	98.0	98.0	98.0
≥ 0	57.3	72.6	80.5	82.1	90.9	92.7	94.2	95.6	96.0	96.8	97.3	97.7	98.4	98.5	98.5	98.5
≥ 0	57.3	72.6	80.5	82.1	90.9	92.8	94.2	95.6	96.0	96.8	97.4	97.8	98.5	98.5	98.5	98.5
≥ 0	57.4	72.7	80.7	82.2	91.0	92.8	94.3	95.8	96.2	97.1	97.5	98.0	98.9	99.1	99.4	99.6
≥ 0	57.4	72.7	80.7	82.2	91.1	92.9	94.3	95.8	96.2	97.1	97.7	98.1	98.7	99.0	99.5	99.9
≥ 0	57.4	72.7	80.7	82.2	91.1	92.9	94.3	95.8	96.3	97.1	97.7	98.1	98.7	99.0	99.5	100.0
≥ 0	57.4	72.7	80.7	82.2	91.1	92.9	94.3	95.8	96.3	97.1	97.7	98.1	98.7	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 733

CEILING VERSUS VISIBILITY

4. 244

STANTON AAF MO

60-77, 73-79

42.

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

503-1400
HOURS (1-8-8)

[illegible]

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 244

STANTON AFB MD

68-70, 73-78

3P

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9 10-14 0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 10000	26.1	43.6	49.1	49.7	54.6	55.5	55.7	55.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 8000	27.8	49.7	56.1	57.7	63.5	64.7	65.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	32.1	50.3	56.5	57.7	64.1	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4000	32.4	50.3	57.2	58.2	64.6	65.9	66.1	66.2	66.7	66.2	66.2	66.2	66.4	66.4	66.4	66.4
≥ 2000	36.9	51.4	57.7	58.8	65.1	66.5	66.6	66.8	66.5	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1000	40.7	54.1	61.1	62.3	68.9	71.4	71.5	72.7	72.7	71.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 800	41.1	54.6	61.8	62.8	69.6	71.1	71.2	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5
≥ 600	41.2	55.4	62.5	63.8	70.9	72.4	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8
≥ 400	42.6	57.8	65.3	66.9	74.2	75.9	76.1	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4
≥ 200	43.7	58.5	66.2	67.6	74.9	76.6	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1
≥ 100	43.1	58.5	66.4	67.7	75.1	76.9	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
≥ 80	43.4	59.1	66.8	68.1	75.5	77.3	77.4	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
≥ 60	44.6	60.5	68.4	69.7	77.6	79.3	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
≥ 40	45.1	61.1	69.1	70.4	78.2	80.3	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
≥ 20	47.3	63.7	72.4	74.1	82.8	84.9	85.3	85.5	85.5	85.5	85.5	86.1	86.1	86.1	86.1	86.1
≥ 10	45.1	65.1	74.1	75.8	85.5	87.7	88.1	88.4	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7
≥ 8	48.2	65.8	75.1	77.0	87.4	89.7	90.4	90.7	90.8	90.8	90.8	91.2	91.2	91.2	91.2	91.2
≥ 6	48.4	65.9	75.4	77.3	87.7	90.0	90.7	90.9	91.1	91.1	91.1	91.5	91.5	91.5	91.5	91.5
≥ 4	48.1	66.2	75.5	77.8	88.8	91.2	92.3	92.8	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4
≥ 2	48.5	66.2	75.5	78.5	90.0	92.4	93.8	94.3	94.5	94.9	94.9	95.0	95.0	95.0	95.0	95.0
≥ 1	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 0.8	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 0.6	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 0.4	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 0.2	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 0.1	48.5	66.4	76.5	78.6	90.5	93.0	94.3	94.9	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 74

JOURNAL CLIMATOLOGY BRANCH
 GRAFETAC
 AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

STATION 244 STANTON AAF K.

55-70, 73-79

AD

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1970-1979
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 2000	48.7	51.8	55.1	55.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1800 ≥ 500	48.6	52.3	66.3	67.5	67.4	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1400 ≥ 200	48.8	52.3	67.1	67.8	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1000 ≥ 900	50.1	64.1	64.9	69.6	71.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 800 ≥ 700	51.5	65.9	71.0	71.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 600 ≥ 500	53.1	68.5	73.7	74.6	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 450 ≥ 400	54.3	71.3	75.2	76.0	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 350 ≥ 300	55.4	71.9	77.5	78.6	81.8	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 250 ≥ 200	57.3	74.6	81.7	82.0	85.7	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 200 ≥ 150	58.4	77.9	85.3	86.6	91.2	91.5	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 150 ≥ 100	59.6	79.7	87.3	88.9	95.8	96.2	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100 ≥ 50	59.6	79.7	87.3	88.9	96.0	96.5	97.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 50 ≥ 0	59.6	79.7	87.3	88.9	96.0	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 692

FEDERAL CLIMATOLOGY BRANCH
 WAFBETAC
 AIR WEATHER SERVICE AREA

CEILING VERSUS VISIBILITY

STATION
 44

STATION NAME
 1000

PERIOD
 68-72, 73-77

MONTH
 12

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1517-1710
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	7	6	5	4	3	2 1/2	2	1 1/2	1	3/4	2/3	1/2	1/4	1/8	1/16	0
1000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
900	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
800	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
700	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
600	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
400	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
300	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
100	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4

TOTAL NUMBER OF OBSERVATIONS

4

JOINT CLIMATE CENTER
 USAF ETAC
 AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION 144 STATION NAME 71-73-73 YEARS 60
 MONTH JUL
 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	44.7	47.4	51.7	51.4	55.0	55.7	55.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 8000	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 4000	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2000	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1000	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 800	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 600	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 400	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 200	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 100	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 50	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 30	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 5	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 3	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 2	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1/2	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1/4	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1/8	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1/16	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1/32	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 0	44.4	45.9	50.5	50.5	54.5	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 244 STANTON AFB KS 65-70,73-74 YEARS 1970-1974 MONTH 01-12 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 1/8
≥ 10000	70.3	40.4	44.5	44.9	47.8	47.2	44.5	30.1	10.7	10.1	10.7	50.3	11.5	10.1	10.7	5.0
≥ 8000	34.1	45.3	51.1	51.2	54.5	54.3	55.5	57.1	7.7	57.2	57.2	57.2	57.3	57.6	57.5	57.6
≥ 6000	34.1	45.3	51.1	51.2	54.5	54.3	55.5	57.1	57.2	57.2	57.2	57.2	57.3	57.6	57.5	57.6
≥ 4000	24.1	45.5	51.1	51.4	54.7	54.7	55.5	57.3	57.3	57.3	57.3	57.3	57.3	57.9	57.7	57.7
≥ 2000	35.2	45.3	51.1	51.3	54.3	54.1	55.4	57.2	58.7	58.9	58.9	58.9	58.9	59.3	59.2	59.3
≥ 1000	35.6	48.7	54.4	55.3	59.7	59.0	60.4	62.4	62.4	62.5	62.5	62.7	62.7	62.9	62.7	62.9
≥ 800	26.9	49.4	55.2	56.2	61.4	60.7	61.5	63.1	63.2	63.2	63.2	63.4	63.4	63.5	63.5	63.5
≥ 600	39.7	50.1	59.2	60.3	65.7	65.7	66.9	68.4	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7
≥ 400	40.9	54.3	61.7	62.2	67.0	66.5	67.4	71.2	71.2	71.2	71.2	71.2	71.2	71.5	71.5	71.5
≥ 200	40.9	54.7	61.1	62.4	67.1	66.4	67.5	71.2	71.2	71.2	71.2	71.5	71.5	71.7	71.7	71.7
≥ 100	41.3	55.3	62.2	62.5	67.2	66.5	67.5	72.3	72.3	72.4	72.4	72.4	72.5	72.9	72.9	72.9
≥ 5000	42.3	57.3	64.1	65.3	71.5	71.3	72.4	74.1	74.3	74.3	74.3	74.4	74.4	74.7	74.7	74.7
≥ 4500	42.4	57.3	64.3	65.2	72.2	72.4	73.6	75.2	75.4	75.4	75.4	75.5	75.5	75.7	75.7	75.7
≥ 4000	43.3	60.3	67.4	68.2	76.4	76.6	77.9	79.7	79.7	79.9	79.9	80.1	80.1	80.3	80.3	80.3
≥ 3500	44.5	61.7	68.3	70.6	78.2	78.5	79.9	81.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	44.5	62.2	67.5	71.3	79.2	79.9	81.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	44.5	62.1	67.7	71.5	79.3	80.3	81.7	83.8	84.1	84.1	84.1	84.2	84.2	84.5	84.5	84.5
≥ 2000	45.3	62.7	70.3	72.6	80.7	81.4	83.1	85.2	85.5	85.5	85.5	85.5	85.5	85.9	85.9	85.9
≥ 1800	45.3	63.1	71.1	73.1	81.3	82.7	84.3	86.4	86.7	86.7	86.7	86.9	86.9	87.1	87.1	87.1
≥ 1600	45.3	63.4	71.5	73.7	82.4	84.3	86.7	88.8	88.8	88.8	88.8	89.0	89.0	89.2	89.2	89.2
≥ 1400	45.3	63.4	71.7	74.1	83.3	84.8	86.4	89.1	89.4	89.5	89.5	89.7	89.7	89.9	89.9	89.9
≥ 1200	45.3	63.4	72.3	74.7	84.5	85.6	87.4	90.3	90.6	90.9	91.3	91.3	91.6	91.6	91.6	91.6
≥ 1000	45.3	63.4	72.4	74.8	85.1	86.4	88.4	91.6	91.9	92.2	92.9	92.9	93.1	93.1	93.1	93.1
≥ 900	45.3	63.4	72.7	75.1	85.6	87.1	89.1	92.4	92.7	93.1	93.7	93.7	94.0	94.1	94.1	94.1
≥ 800	45.3	63.8	73.1	75.5	86.2	87.7	89.9	93.3	93.7	94.1	94.5	95.3	95.1	95.5	95.5	95.5
≥ 700	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 600	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 500	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 400	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 300	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 200	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 100	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3
≥ 0	45.3	63.8	73.2	75.5	86.2	87.7	89.9	93.4	93.8	94.3	94.3	95.4	95.5	96.9	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS 71

JOINT CLIMATOLOGY BRANCH
CHAPTER 2
METEOROLOGICAL SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 144 STATION NAME MAY 66-70, 72-79
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000	13.1	43.3	47.1	47.8	50.9	51.2	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 8000	37.8	51.2	55.2	56.7	58.1	58.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000	38.1	51.6	56.4	57.2	58.7	61.3	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4000	38.5	52.1	56.9	57.7	59.2	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 3000	39.3	54.5	59.2	61.7	64.7	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2000	40.3	55.4	61.8	62.6	65.5	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 1800	42.7	59.0	65.6	66.5	70.7	71.2	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 1600	43.1	60.1	66.8	67.1	72.8	73.3	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1400	43.5	60.7	67.7	68.8	73.6	74.1	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	44.1	61.5	68.5	69.8	74.5	75.0	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1000	44.3	61.6	68.6	69.9	74.6	75.1	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 900	44.8	62.4	69.5	70.8	75.5	76.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 800	45.3	63.1	70.4	71.7	76.7	77.4	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 700	45.7	63.6	70.9	72.2	77.2	78.0	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 600	46.5	64.4	71.7	73.0	78.0	78.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 500	47.5	65.6	72.9	74.2	79.2	80.0	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 400	48.7	67.0	74.3	75.6	80.4	81.2	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 300	49.3	67.7	75.0	76.3	81.0	81.8	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 200	49.9	68.3	75.6	76.9	81.6	82.4	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 100	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 50	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 20	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1	50.1	68.5	75.8	77.1	81.8	82.6	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6

TOTAL NUMBER OF OBSERVATIONS 754

CEILING VERSUS VISIBILITY

✓ 4 ✓

MONTH

12-14-71
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAF CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

4-244
STATION

STANTON AFB MD

64-70, 73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
1970-1971
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 27000	47.3	53.2	54.3	54.3	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	55.5	64.4	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	57.3	65.1	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 4000	57.3	65.1	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	57.7	65.6	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1000	58.3	66.4	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 500	59.3	69.3	70.3	70.3	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	60.8	69.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	63.3	73.9	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	65.1	75.3	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	65.4	75.9	77.6	77.6	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4500	66.0	76.5	78.4	78.4	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	67.1	77.5	79.5	79.5	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	69.7	79.3	81.2	81.2	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	71.9	83.3	86.3	86.3	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	73.5	86.7	89.5	89.5	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	74.4	88.1	90.3	90.3	92.7	92.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	74.5	88.3	91.0	91.0	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	74.5	88.3	91.0	91.0	94.3	94.3	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	74.7	88.9	91.3	91.3	95.4	95.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	75.0	89.2	92.3	92.3	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	75.1	89.4	92.4	92.4	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	75.1	89.3	92.3	92.3	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	75.1	89.3	92.3	92.3	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	75.1	89.3	92.3	92.3	97.1	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	75.1	89.3	92.3	92.3	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	75.1	89.3	92.3	92.3	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	75.1	89.3	92.3	92.3	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	75.1	89.3	92.3	92.3	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 642

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 244
STATION

STATION NAME

55-70,73-79

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH
ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 0.1	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.7	≥ 0.8	≥ 0.9	≥ 1.0	≥ 1.5	≥ 2.0	≥ 2.5	≥ 3.0	≥ 4.0
≥ 2500	47.3	46.1	44.2	44.6	51.4	51.3	51.3	52.2	52.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2000	43.7	54.3	53.2	53.6	61.0	61.2	61.4	61.4	61.9	61.9	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1800	44.2	55.1	55.3	59.4	61.8	62.0	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 1600	44.2	55.1	59.7	59.5	61.8	62.0	62.3	62.7	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1400	44.4	55.3	59.7	59.7	62.6	62.3	62.5	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1200	45.7	56.7	60.1	60.5	67.9	63.1	63.4	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0
≥ 1000	46.7	58.5	62.4	63.4	66.0	66.3	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
≥ 900	47.4	59.4	63.3	64.4	67.1	67.4	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 800	49.7	62.7	67.6	68.2	71.3	71.5	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7
≥ 700	50.3	64.2	69.4	70.1	73.5	73.7	74.4	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0
≥ 600	51.0	64.6	69.7	70.2	73.3	74.1	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4
≥ 500	51.5	65.4	70.5	71.4	74.8	75.1	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4
≥ 450	51.5	65.4	70.7	71.5	74.9	75.2	75.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5
≥ 400	52.3	66.5	71.3	72.7	76.2	76.4	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 350	53.1	67.4	73.1	74.0	77.8	78.1	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4
≥ 300	55.4	71.1	77.2	76.4	82.9	83.3	84.7	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 250	55.4	73.3	79.7	87.9	85.9	86.3	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 200	57.3	74.5	81.1	82.4	87.8	88.4	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 150	57.4	74.3	81.3	82.8	86.3	86.8	89.3	90.4	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.7
≥ 100	57.7	75.3	82.1	83.5	89.5	90.1	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 90	57.9	75.7	82.5	84.0	90.5	91.2	92.3	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 80	58.0	75.8	82.9	84.4	91.3	92.1	93.2	94.1	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4
≥ 70	58.1	75.9	83.1	84.7	91.6	92.5	93.6	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 60	58.2	76.1	83.4	85.0	91.1	93.1	94.3	95.4	95.5	95.7	95.8	95.8	95.8	95.9	95.9	95.9
≥ 50	58.2	76.2	83.6	85.3	92.7	93.7	95.0	96.3	96.5	96.7	96.9	96.9	96.9	97.0	97.0	97.0
≥ 40	58.2	76.2	83.7	85.4	92.9	94.0	95.4	96.8	97.0	97.2	97.5	97.5	97.5	97.6	97.6	97.6
≥ 30	58.2	76.3	83.8	85.5	93.1	94.3	95.8	97.2	97.5	97.9	98.2	98.3	98.3	98.7	98.8	98.8
≥ 20	58.3	76.3	83.8	85.5	93.2	94.3	95.8	97.3	97.6	98.1	98.5	98.5	98.5	99.0	99.2	99.2
≥ 10	58.2	76.3	83.4	85.5	93.2	94.4	95.9	97.5	97.7	98.2	98.7	98.8	98.8	99.4	99.5	99.5
≥ 0	58.2	76.3	83.4	85.6	93.3	94.4	95.9	97.5	97.7	98.2	98.7	98.8	98.8	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 527

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION
41244

STATION NAME
STANTON AAF KS

YEARS
64-70, 73-77

MONTH
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
07-0700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO. PERCENT	15.4	24.7	27.7	29.1	32.1	33.4	34.5	35.9	36.2	36.5	36.5	36.5	36.5	36.7	36.7	36.4
≥ 2000	15.4	27.2	32.3	33.7	37.7	39.4	39.9	41.1	41.2	41.5	41.5	41.5	41.5	41.5	42.0	42.2
≥ 1500	19.7	28.2	32.5	33.9	37.3	38.7	40.2	41.3	41.5	41.9	41.9	42.0	42.0	42.3	42.3	42.5
≥ 1000	19.7	28.2	32.5	33.9	37.3	38.7	40.2	41.3	41.5	41.9	41.9	42.0	42.0	42.3	42.3	42.5
≥ 800	19.4	28.2	32.9	34.2	37.6	39.0	40.5	41.6	41.9	42.2	42.3	42.3	42.3	42.6	42.6	42.7
≥ 600	19.4	30.7	34.4	36.1	39.5	40.9	42.6	43.9	44.1	44.6	44.7	44.7	44.7	45.0	45.0	45.1
≥ 400	21.1	32.1	37.3	39.0	43.4	45.0	46.8	48.0	48.3	48.9	49.0	49.0	49.0	49.4	49.4	49.6
≥ 300	22.2	33.5	39.7	40.9	45.5	47.1	49.0	50.3	50.6	51.1	51.3	51.4	51.4	51.7	51.7	51.9
≥ 200	23.3	35.3	40.9	43.0	48.2	49.9	52.2	53.5	53.9	54.3	54.5	54.7	54.7	55.0	55.0	55.2
≥ 150	25.6	38.5	43.3	45.7	51.3	52.9	55.3	56.6	56.9	57.4	57.5	57.5	57.5	58.1	58.1	58.2
≥ 100	26.1	38.5	44.3	46.4	52.0	53.8	56.1	57.4	57.7	58.2	58.4	58.7	58.7	58.9	58.9	59.1
≥ 80	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 60	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 40	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 30	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 20	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 10	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 8	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 6	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 4	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 3	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 2	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 1	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9
≥ 0	26.7	39.2	45.0	47.2	53.5	55.4	57.8	59.1	59.4	59.9	60.1	60.1	60.1	60.6	60.6	60.9

TOTAL NUMBER OF OBSERVATIONS 716

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244
STATION

STANTON AAF KS
STATION NAME

69-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1970-1979
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 10000	14.4	24.4	31.7	37.0	37.4	38.1	38.8	39.5	40.2	40.9	41.6	42.3	43.0	43.7	44.4	45.1
≥ 8000	22.4	33.7	37.4	38.6	43.5	45.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 6000	22.4	33.7	37.4	38.6	43.5	45.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 4000	22.4	33.7	37.4	38.6	43.5	45.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 2000	22.4	33.7	37.4	38.6	43.5	45.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 1000	24.8	37.2	41.3	43.2	47.9	50.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 800	24.8	37.2	41.3	43.2	47.9	50.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 600	24.8	37.2	41.3	43.2	47.9	50.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 400	24.8	37.2	41.3	43.2	47.9	50.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 200	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 100	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 80	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 60	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 40	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 5	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 2	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 1	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 0	27.6	41.7	46.7	49.1	54.6	56.4	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244
 STATION

STANTON AAF MO
 STATION NAME

55-70, 73-79
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.S.T.)

FEET (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
≥ 20000	35.7	34.2	37.4	37.9	39.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 18000	32.5	43.1	46.7	47.2	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	32.5	43.2	46.5	47.4	50.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	32.5	43.2	46.5	47.4	50.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 12000	32.5	43.2	46.5	47.4	50.3	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	35.1	46.3	50.3	51.8	55.7	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 8000	36.1	47.7	52.5	53.8	58.1	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	39.3	51.9	56.4	57.9	62.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 5000	41.9	55.1	60.0	61.1	65.7	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	42.1	55.4	60.3	61.4	66.1	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 4000	42.5	56.4	61.3	62.4	67.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	43.3	57.5	62.5	63.6	68.5	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	45.1	58.9	64.1	65.1	70.3	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2500	45.4	64.9	71.4	72.5	79.2	79.2	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 2000	52.1	69.9	76.4	77.8	84.4	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	54.6	71.7	79.9	81.3	88.1	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	55.7	72.3	81.5	82.9	90.4	91.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	55.3	73.3	82.3	83.6	91.8	93.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	56.3	74.2	83.1	84.4	92.8	94.3	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	56.3	74.2	83.1	84.6	93.2	94.7	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	56.3	74.2	83.1	84.6	93.5	95.0	96.8	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	56.3	74.2	83.1	84.6	93.6	95.3	97.4	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	56.3	74.2	83.1	84.6	93.8	95.6	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	56.3	74.2	83.1	84.6	93.8	95.6	97.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	56.3	74.2	83.1	84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	56.3	74.2	83.1	84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.3	74.2	83.1	84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.3	74.2	83.1	84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	56.3	74.2	83.1	84.6	93.9	95.7	97.9	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 72

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

41244

STATION IAF A1

6-73, 73-79

STATION NAME
STATION NAME

YEAR
YEAR

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 1000	32.1	31.9	34.7	35.6	33.0	33.6	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 900	27.4	33.1	41.4	42.3	45.2	45.9	46.7	47.0	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.3
≥ 800	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 700	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 600	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 500	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 400	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 300	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 200	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 100	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 90	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 80	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 70	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 60	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 50	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 40	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 30	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 20	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 10	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 5	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 2	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 1	27.7	38.4	41.7	42.6	45.7	45.6	47.4	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9

TOTAL NUMBER OF OBSERVATIONS 7971

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47244

STANTON AFB MD

64-70, 75-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1800
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 10000	7.4	9.9	10.7	11.5	17.1	17.8	18.7	19.0	19.4	20.1	20.1	20.3	21.5	21.5	21.5	21.5
≥ 8000	8.7	12.1	15.5	16.5	21.1	22.1	22.6	23.7	24.4	25.3	25.2	25.4	25.6	25.6	25.6	25.6
≥ 6000	8.7	12.1	15.5	16.5	21.1	22.1	22.6	23.7	24.4	25.3	25.2	25.4	25.6	25.6	25.6	25.6
≥ 4000	8.7	12.1	15.5	16.5	21.1	22.1	22.6	23.7	24.4	25.3	25.2	25.4	25.6	25.6	25.6	25.6
≥ 2000	9.4	13.3	16.7	17.7	22.5	23.8	24.4	25.4	25.1	25.8	25.9	27.2	27.3	27.3	27.3	27.3
≥ 1000	12.7	16.8	20.7	21.4	27.6	29.0	29.9	31.1	31.7	32.4	32.7	32.9	33.1	33.1	33.1	33.1
≥ 800	13.4	17.3	21.4	22.9	24.6	25.1	31.5	32.8	33.5	34.1	34.4	34.7	34.8	34.8	34.8	34.8
≥ 600	15.3	20.3	24.3	26.2	33.3	35.1	36.9	38.3	39.5	41.3	41.6	42.4	42.7	42.7	42.7	42.7
≥ 500	15.7	21.7	25.4	27.8	35.2	36.9	38.8	41.2	41.6	42.4	42.7	42.7	43.1	43.1	43.1	43.1
≥ 450	15.7	21.8	26.5	28.0	35.5	37.2	39.1	41.2	41.9	42.7	43.1	43.2	43.4	43.4	43.4	43.4
≥ 400	16.5	22.9	27.7	29.2	36.9	38.8	41.1	43.2	43.9	44.7	45.1	45.2	45.4	45.4	45.4	45.4
≥ 350	16.5	23.1	27.1	29.6	37.3	39.2	41.5	43.6	44.3	45.1	45.4	45.6	45.8	45.8	45.8	45.8
≥ 300	18.6	25.2	31.1	31.7	39.9	41.8	44.3	46.2	46.9	47.7	47.9	48.2	48.2	48.2	48.2	48.2
≥ 250	19.3	26.2	31.5	33.1	42.7	44.3	46.3	48.5	49.1	49.9	50.0	50.5	50.6	50.6	50.6	50.6
≥ 200	21.8	29.2	34.9	36.7	46.9	49.1	51.7	54.1	54.9	55.8	56.1	56.4	56.8	56.8	56.8	56.8
≥ 150	22.1	31.2	37.5	39.5	51.3	52.9	55.6	58.1	59.2	61.4	61.5	61.9	61.9	61.9	61.9	61.9
≥ 100	24.1	33.3	40.3	43.2	54.9	53.1	61.2	64.1	65.2	66.5	66.9	67.2	67.3	67.3	67.3	67.3
≥ 80	24.3	34.0	40.9	43.2	55.4	58.8	62.1	65.1	66.1	67.5	67.9	68.1	68.3	68.3	68.3	68.3
≥ 60	25.3	35.2	42.6	45.1	58.6	62.1	65.7	68.7	69.7	71.1	71.5	71.8	71.9	71.9	71.9	71.9
≥ 40	25.3	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7
≥ 30	25.7	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7
≥ 20	25.7	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7
≥ 10	25.7	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7
≥ 5	25.7	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7
≥ 0	25.7	36.7	45.1	48.9	64.7	68.4	74.0	77.8	79.1	80.6	81.1	81.4	81.7	81.7	81.7	81.7

TOTAL NUMBER OF OBSERVATIONS 747

USAF CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
4244

STATION NAME
STANTON AFB KS

YEARS
68-70, 73-79

MONTH
JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)
700-1000

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 5/16	≥ 1/4	≥ 1/8
≥ 25000	11.6	16.5	15.7	17.9	27.1	22.3	22.3	22.5	22.5	22.5	22.4	22.5	22.5	22.5	22.5	22.5
≥ 20000	13.7	23.2	23.1	23.5	27.7	27.7	27.7	25.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 18000	14.1	23.9	23.8	24.1	28.0	28.5	28.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 16000	14.1	23.9	23.8	24.1	28.0	28.5	28.5	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 14000	14.5	21.1	24.1	24.5	29.9	29.4	29.4	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 12000	14.5	21.1	24.1	24.5	29.9	29.4	29.4	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 10000	17.4	24.6	25.7	29.4	34.1	34.5	34.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 8000	17.4	24.6	25.7	29.4	34.1	34.5	34.5	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 6000	20.2	28.0	32.5	33.2	34.3	40.0	40.0	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 5000	21.3	29.9	34.7	35.4	41.2	42.4	42.4	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 4500	21.6	30.3	35.1	35.8	41.7	42.9	42.9	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 4000	22.1	31.3	36.2	36.9	42.9	44.3	44.3	44.4	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 3500	22.2	31.7	36.5	37.3	43.3	44.6	44.6	44.8	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 3000	23.3	33.4	38.7	39.5	46.7	47.7	47.7	48.5	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9
≥ 2500	23.4	34.9	40.5	41.2	46.7	49.7	49.9	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 2000	26.2	38.5	45.7	45.9	54.7	55.6	55.9	56.6	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 1800	26.4	42.5	49.4	50.3	59.1	60.9	61.3	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 1500	30.3	46.2	54.5	55.7	66.8	68.7	69.4	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1200	32.4	50.8	61.7	62.7	76.9	78.9	80.5	81.5	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 900	32.4	51.5	62.5	64.1	82.5	83.0	84.7	85.8	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 800	33.4	52.6	64.3	66.2	83.6	86.6	88.7	90.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	33.8	53.0	64.8	66.7	84.5	87.9	90.5	92.4	92.8	93.6	94.1	94.1	94.2	94.2	94.2	94.2
≥ 600	34.2	53.3	65.2	67.1	85.1	88.7	91.6	93.4	93.8	94.7	95.2	95.2	95.3	95.3	95.3	95.3
≥ 500	34.0	53.5	65.4	67.5	85.8	89.4	92.8	94.8	95.5	96.7	97.5	97.5	97.9	97.9	97.9	97.9
≥ 400	34.7	53.5	65.4	67.6	85.9	89.7	93.2	95.6	96.2	97.5	98.4	98.4	99.1	99.1	99.1	99.1
≥ 300	34.1	53.5	65.4	67.6	85.9	89.7	93.2	95.6	96.2	97.5	98.4	98.4	99.1	99.1	99.1	99.1
≥ 200	34.2	53.5	65.4	67.6	86.0	89.8	93.3	95.7	96.3	97.6	98.5	98.5	99.2	99.2	99.2	99.2
≥ 100	34.2	53.7	65.7	67.8	86.3	90.2	93.7	96.1	96.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7
≥ 0	34.3	53.7	65.7	67.8	86.3	90.2	93.7	96.1	96.7	98.1	99.2	99.2	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 792

CLIMATE BRANCH
USAF ETAC
WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION NO. 144 STATION NAME AF AG

63-70, 73-79

YEAR

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1973-1974
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ .005	≥ .001
≥ 1000	10.1	14.2	20.5	20.9	20.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 800	17.5	24.5	26.7	26.8	26.7	27.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 600	14.1	24.6	26.4	26.9	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
≥ 400	18.1	24.3	26.9	27.1	27.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 200	18.3	25.4	27.5	27.8	31.7	30.2	31.7	31.3	30.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 100	19.3	26.6	27.1	28.3	32.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 50	22.2	29.7	32.1	32.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 30	22.7	30.9	33.3	33.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 15	25.3	35.3	34.7	34.1	42.7	42.9	43.7	43.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10	26.5	36.7	40.4	40.5	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 5	26.3	37.1	41.1	41.1	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 3	27.6	38.5	42.3	42.4	46.7	45.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 2	27.7	38.6	42.4	42.6	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 1	28.3	40.0	44.1	44.2	47.8	49.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ .75	29.7	41.3	45.1	46.3	51.0	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ .5	34.7	43.6	53.5	53.6	58.9	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ .25	32.1	54.1	61.4	61.7	67.3	67.8	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ .1	41.3	53.0	63.9	66.4	74.4	74.8	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ .05	41.1	53.5	65.4	66.9	75.2	75.8	76.3	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ .025	43.1	51.3	71.4	72.2	81.2	82.6	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ .01	44.2	53.4	74.1	75.1	86.9	87.8	89.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ .005	44.3	54.4	75.2	76.2	88.4	89.5	91.9	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ .001	45.3	54.3	75.1	77.3	89.7	90.7	92.1	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ .0005	45.3	55.2	76.5	77.4	90.7	92.0	93.5	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ .0001	45.3	55.2	77.1	78.4	92.2	93.7	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ .00005	45.3	55.2	77.1	78.4	92.2	94.3	96.5	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ .00001	45.6	55.4	77.4	78.8	93.3	94.8	97.4	98.3	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ .000005	45.6	55.4	77.4	78.8	93.5	95.0	97.7	98.2	98.4	99.2	99.0	99.0	99.0	99.0	99.0	99.0
≥ .000001	45.6	55.4	77.4	78.8	93.5	95.1	97.8	98.4	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ .0000005	45.6	55.4	77.4	78.8	93.7	95.2	98.7	98.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ .0000001	45.6	55.4	77.6	78.9	93.9	95.4	98.1	98.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ .00000005	45.6	55.4	77.5	78.9	93.9	95.4	98.2	98.9	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 735

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

CEILING VERSUS VISIBILITY

44
 STATION

STATION NAME

55-77, 73-79

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1955-1956
 HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 1000	25.4	28.3	29.7	31.3	32.7	34.7	35.7	37.7	38.7	40.7	41.7	43.7	44.7	46.7	47.7	49.7
≥ 900	24.7	35.5	36.7	38.7	39.7	41.7	42.7	44.7	45.7	47.7	48.7	50.7	51.7	53.7	54.7	56.7
≥ 800	25.3	36.1	37.1	38.1	39.1	41.1	42.1	44.1	45.1	47.1	48.1	50.1	51.1	53.1	54.1	56.1
≥ 700	25.5	36.4	38.4	39.4	40.4	42.4	43.4	45.4	46.4	48.4	49.4	51.4	52.4	54.4	55.4	57.4
≥ 600	26.0	36.3	39.3	40.3	41.3	43.3	44.3	46.3	47.3	49.3	50.3	52.3	53.3	55.3	56.3	58.3
≥ 500	27.7	39.7	41.4	42.4	43.4	45.4	46.4	48.4	49.4	51.4	52.4	54.4	55.4	57.4	58.4	60.4
≥ 400	30.7	42.6	44.7	45.7	46.7	48.7	49.7	51.7	52.7	54.7	55.7	57.7	58.7	60.7	61.7	63.7
≥ 300	32.5	43.3	45.3	46.3	47.3	49.3	50.3	52.3	53.3	55.3	56.3	58.3	59.3	61.3	62.3	64.3
≥ 200	33.3	48.8	51.3	51.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 100	33.3	49.8	53.3	53.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 50	33.3	49.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 2	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.5	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.2	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.1	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.05	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.02	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.01	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.005	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.002	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.001	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.0005	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.0002	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.0001	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.00005	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.00002	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 0.00001	34.3	51.1	54.4	54.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6

TOTAL NUMBER OF OBSERVATIONS 693

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

91244

STATION: AAF KS

66-77,73-77

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 12	≥ 18	≥ 24	≥ 30	≥ 36	≥ 42	≥ 48	≥ 54	≥ 60	≥ 66	≥ 72	≥ 78	≥ 84	≥ 90
NO RECORD	13.3	13.3	23.1	20.4	22.6	22.9	23.3	23.3	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 2000	15.7	22.3	25.7	25.7	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 1800	15.3	23.1	25.7	26.1	24.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 1600	15.4	23.1	25.3	26.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 1400	15.3	23.0	20.3	25.7	22.8	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 1200	17.7	25.7	27.2	25.2	31.4	31.4	32.1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 1000	21.4	23.7	31.3	21.8	35.4	35.0	35.2	35.6	35.6	37.0	37.0	37.1	37.1	37.1	37.1	37.1
≥ 900	21.0	24.3	32.3	22.6	35.5	37.1	37.4	37.9	38.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 800	23.4	32.9	35.7	27.2	41.7	42.3	43.7	43.7	47.3	47.3	44.1	44.1	44.1	44.1	44.1	44.1
≥ 700	24.1	34.2	31.3	33.9	43.7	44.5	45.3	45.6	46.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 600	24.3	34.4	33.9	39.2	44.1	44.9	45.4	46.2	46.4	46.6	46.7	46.5	46.5	46.5	46.5	46.5
≥ 500	25.7	35.5	32.9	40.4	45.5	46.3	47.0	47.0	46.0	46.0	46.2	46.2	46.2	46.2	46.2	46.2
≥ 450	25.2	35.3	41.1	40.7	45.8	46.7	47.3	48.1	48.7	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 400	26.3	37.3	41.3	42.5	48.1	49.1	49.7	50.4	50.8	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 350	27.3	38.8	43.3	44.2	50.1	51.1	51.3	52.6	52.4	53.1	53.1	53.2	53.2	53.2	53.2	53.2
≥ 300	27.1	43.1	42.5	44.3	55.2	57.2	58.0	58.9	59.1	59.4	59.5	59.6	59.6	59.6	59.6	59.6
≥ 250	32.3	47.3	53.5	54.4	62.2	63.4	64.4	65.3	65.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2
≥ 200	34.3	50.5	57.3	58.7	67.9	69.3	70.4	71.5	71.8	72.2	72.3	72.4	72.4	72.4	72.4	72.4
≥ 180	35.1	51.2	54.5	59.7	69.1	70.7	71.9	73.0	73.3	73.7	73.9	73.9	74.3	74.3	74.3	74.3
≥ 150	36.4	53.3	52.3	63.6	74.5	75.1	77.6	78.7	79.0	79.5	79.6	79.7	79.8	79.8	79.8	79.8
≥ 120	37.2	55.4	64.7	66.2	74.3	82.1	81.9	83.3	83.6	84.2	84.4	84.4	84.5	84.5	84.5	84.5
≥ 100	37.4	55.9	65.7	67.4	81.7	82.7	85.1	85.5	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9
≥ 90	37.7	56.3	58.4	69.0	81.7	83.8	86.3	87.8	88.3	88.9	89.1	89.2	89.3	89.3	89.3	89.3
≥ 80	37.3	56.6	66.3	65.7	80.9	85.0	87.8	89.5	90.3	90.5	90.8	90.9	91.0	91.0	91.0	91.0
≥ 70	38.1	56.8	67.4	69.3	83.9	86.4	89.4	91.3	91.9	92.6	93.0	93.1	93.2	93.2	93.2	93.2
≥ 60	38.2	57.1	67.8	69.8	84.7	87.4	90.7	92.9	93.5	94.6	95.0	95.2	95.4	95.4	95.4	95.4
≥ 50	38.3	57.2	62.7	70.0	85.3	88.2	91.8	94.3	95.2	96.6	97.4	97.6	98.1	98.1	98.1	98.1
≥ 40	38.3	57.2	64.7	70.1	85.3	88.4	92.1	94.9	95.9	97.4	98.4	98.6	99.2	99.2	99.2	99.2
≥ 30	38.3	57.2	54.7	70.1	85.4	88.4	92.3	95.0	95.9	97.5	98.5	98.7	99.4	99.4	99.4	99.4
≥ 20	38.3	57.2	68.1	70.1	85.5	88.5	92.4	95.1	95.7	97.6	98.6	98.8	99.5	99.5	99.5	99.5
≥ 10	38.3	57.3	68.1	70.2	85.6	88.6	92.5	95.3	96.2	97.8	98.8	99.0	99.7	99.7	99.7	99.7
≥ 0	38.3	57.3	68.1	70.2	85.6	88.6	92.6	95.3	96.2	97.8	98.9	99.1	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1464

JOINT CLIMATOLOGY BRANCH
USAFETAC
AFW Weather Service/MAO

CEILING VERSUS VISIBILITY

4044
STATION

STATION NAME

66-70, 73-79

3

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH
1-12-70-79
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20	≥ 25
NO DATA	19.4	25.3	27.5	28.2	31.9	33.1	33.6	34.9	35.2	35.7	35.9	36.2	36.7	36.9	37.2	37.5
≥ 20000	20.7	26.6	29.1	29.7	34.0	35.5	36.0	37.3	37.6	38.2	38.5	38.9	39.2	39.5	39.8	40.1
≥ 18000	21.1	27.1	29.4	30.1	34.6	36.2	36.7	37.9	38.2	38.8	39.1	39.5	39.8	40.1	40.4	40.7
≥ 16000	21.3	27.2	29.5	30.2	34.9	36.4	36.9	38.2	38.5	39.1	39.4	39.7	40.1	40.4	40.7	41.0
≥ 14000	21.5	27.5	29.8	30.5	35.7	37.2	37.7	39.0	39.3	39.9	40.2	40.5	40.8	41.1	41.4	41.7
≥ 12000	21.8	27.8	30.2	31.0	36.4	37.9	38.5	39.7	40.1	40.8	41.1	41.4	41.7	42.0	42.3	42.6
≥ 10000	23.9	30.3	33.1	34.0	39.8	41.4	42.3	43.7	43.9	44.5	44.8	45.2	45.5	45.8	46.1	46.4
≥ 8000	25.3	34.1	37.6	38.5	44.8	46.4	47.5	49.2	49.7	50.5	51.7	51.9	52.3	52.6	52.9	53.2
≥ 7000	27.2	35.5	39.3	40.4	47.0	48.5	50.1	51.9	52.3	53.2	53.9	54.3	54.7	55.0	55.3	55.6
≥ 6000	27.7	35.8	39.7	40.7	47.3	49.4	50.5	52.2	52.7	53.6	53.9	54.3	54.7	55.0	55.3	55.6
≥ 5000	27.8	36.3	40.5	41.5	49.6	50.6	51.9	53.8	54.7	55.2	55.5	55.9	56.2	56.5	56.8	57.1
≥ 4500	27.3	36.7	40.9	42.1	49.2	51.3	52.5	54.4	54.9	55.8	56.2	56.6	57.0	57.3	57.6	57.9
≥ 4000	27.3	37.4	41.3	42.3	50.9	52.3	54.3	56.2	56.7	57.6	58.1	58.5	58.9	59.2	59.5	59.8
≥ 3500	28.4	38.3	43.3	44.8	52.7	54.9	56.2	58.1	59.6	59.6	59.9	60.4	60.8	61.2	61.5	61.8
≥ 3000	31.9	42.1	47.8	49.5	57.9	60.4	62.1	64.2	64.7	65.7	66.1	66.6	67.0	67.3	67.6	67.9
≥ 2500	32.3	43.4	49.5	51.5	61.7	63.3	65.3	67.5	68.7	69.5	69.4	69.9	70.3	70.6	70.9	71.2
≥ 2000	33.2	45.3	51.5	53.7	64.1	66.9	69.1	72.2	72.5	73.5	74.7	74.5	75.2	75.5	75.8	76.1
≥ 1800	34.4	45.8	52.3	54.2	64.8	67.8	69.9	73.3	73.5	74.5	75.7	75.5	76.2	76.5	76.8	77.1
≥ 1500	34.9	47.2	53.7	55.8	68.2	71.1	73.7	76.8	77.3	78.4	79.1	79.7	80.2	80.5	80.8	81.1
≥ 1200	35.7	48.2	55.1	57.7	71.2	74.5	77.5	80.6	81.2	82.4	83.7	83.6	84.1	84.1	84.4	84.4
≥ 900	36.7	49.7	56.7	59.6	73.1	76.8	79.9	83.9	84.4	85.5	86.7	86.9	87.4	87.5	87.8	87.8
≥ 800	36.3	49.0	56.1	59.8	73.4	77.3	81.3	84.3	85.1	86.2	86.9	87.6	88.1	88.2	88.5	88.8
≥ 700	36.2	49.1	56.5	59.3	74.4	78.6	82.0	86.2	86.9	88.5	89.2	90.0	90.5	90.6	90.9	91.2
≥ 600	36.2	49.1	56.8	59.8	75.5	79.9	83.9	88.5	89.3	91.4	92.5	93.3	93.9	94.3	94.3	94.3
≥ 500	36.2	49.1	56.9	59.9	75.9	80.5	84.9	89.5	90.4	92.8	94.4	95.2	96.2	96.3	96.7	96.8
≥ 400	36.2	49.1	56.9	59.9	75.9	80.5	84.9	89.7	90.7	93.3	95.2	95.9	97.2	97.3	97.7	97.7
≥ 300	36.2	49.1	56.9	59.9	75.9	80.5	84.9	89.7	90.7	93.4	95.4	96.3	97.8	98.0	98.9	99.1
≥ 200	36.2	49.1	56.9	59.9	75.9	80.5	84.9	89.7	90.7	93.4	95.4	96.3	97.8	98.0	98.9	99.1
≥ 100	36.2	49.1	56.9	59.9	75.9	80.5	84.9	89.7	90.7	93.4	95.4	96.3	97.8	98.0	98.9	99.1
≥ 0	36.2	49.1	57.0	60.0	76.1	80.7	85.2	90.0	91.7	93.7	95.7	96.6	98.1	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244
STATION

STANTON AFB KS

65-70, 73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
1-12-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
≥2000	22.3	72.1	34.3	34.6	33.7	75.2	34.5	35.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥1800	25.3	35.5	37.7	36.2	47.3	43.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥1600	25.3	35.5	37.7	36.2	47.3	43.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥1400	25.3	35.5	37.7	36.2	47.3	43.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥1200	25.3	35.5	37.7	36.2	47.3	43.4	40.3	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥1000	28.3	38.3	41.3	42.3	45.3	45.3	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥900	29.3	39.3	41.3	42.3	45.3	45.3	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥800	31.7	43.4	46.5	47.2	51.2	51.7	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥700	32.3	45.1	46.5	49.4	53.4	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥600	33.7	45.5	49.9	49.9	53.9	54.4	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥500	33.7	45.5	49.9	49.9	53.9	54.4	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥450	33.7	45.5	49.9	49.9	53.9	54.4	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥400	34.4	47.4	51.1	52.1	56.1	57.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥350	35.3	48.5	52.5	53.4	57.7	58.6	59.5	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥300	36.7	52.5	57.5	58.5	63.9	63.9	66.1	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥250	40.4	55.3	61.1	62.4	69.4	71.5	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥200	40.7	57.1	64.7	65.6	73.7	74.9	76.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥150	41.1	57.6	64.5	65.2	74.6	75.9	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥100	41.7	59.4	67.4	69.2	78.8	80.3	81.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥75	43.5	62.1	71.4	72.9	83.2	85.7	86.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥50	44.1	62.5	71.4	74.3	86.4	88.7	90.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥25	44.1	63.1	71.4	74.4	86.8	89.1	90.9	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥10	44.1	63.5	72.5	75.0	88.7	92.3	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥5	44.2	63.5	72.7	75.4	89.5	91.2	93.3	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥2	44.2	63.6	72.7	75.6	89.5	92.3	94.5	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥1	44.2	63.6	72.7	75.7	89.9	92.6	95.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0.5	44.2	63.6	72.7	75.7	89.9	92.6	95.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0.25	44.2	63.6	72.7	75.7	89.9	92.6	95.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥0.1	44.2	63.6	72.7	75.7	89.9	92.6	95.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 11

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
244

STATION NAME
STATION AAF KC

YEARS
66-71, 73-77

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-1-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 10000	37.3	35.7	36.5	36.5	34.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 8000	37.3	40.7	41.5	41.5	41.8	41.9	41.9	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 6000	37.3	41.7	41.9	41.8	42.1	42.2	42.3	42.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 4000	37.3	41.7	41.9	41.8	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2000	37.3	41.7	41.9	42.5	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 1000	37.3	43.7	43.9	44.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 800	37.3	45.2	46.7	47.1	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 600	37.3	45.5	47.3	47.4	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 400	37.3	48.1	49.9	50.3	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 200	37.3	50.8	53.1	53.7	56.4	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 100	37.3	51.8	54.1	54.6	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 80	37.3	51.9	54.4	54.9	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 60	37.3	54.2	56.7	57.2	60.1	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 40	37.3	56.1	59.8	59.8	63.7	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20	37.3	63.4	67.5	68.3	72.1	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10	37.3	67.8	72.3	73.3	77.6	79.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 8	37.3	71.4	77.5	78.1	83.9	84.6	85.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6	37.3	71.9	77.9	78.6	84.4	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4	37.3	75.3	81.3	82.9	89.9	91.0	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2	37.3	77.5	84.3	85.4	92.5	94.0	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1	37.3	78.1	85.1	86.2	94.3	95.9	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0.8	37.3	78.7	85.7	86.7	94.8	96.4	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0.6	37.3	79.3	86.3	87.4	95.5	97.1	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0.4	37.3	79.3	86.3	87.4	95.6	97.5	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0.2	37.3	79.3	86.5	87.7	95.9	97.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0.1	37.3	79.1	86.5	87.7	95.9	97.8	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.05	37.3	79.1	86.5	87.7	95.9	97.8	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0.01	37.3	79.1	86.5	87.7	95.9	97.8	99.2	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244
STATION

STANTON AAF KD

STATION NAME

56-73,73-79

YEARS

501

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512	≥ 1/1024	≥ 1/2048
NO RECORD	39.4	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 27000	32.5	46.1	47.9	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	32.5	46.1	47.9	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 15000	32.5	46.1	47.9	47.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 14000	33.2	47.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	34.4	48.4	50.7	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	36.5	51.1	53.3	53.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 9000	36.5	51.1	53.3	53.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 8000	39.3	55.4	58.3	58.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 7000	42.2	60.2	63.1	63.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 6000	42.2	60.2	63.1	63.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	42.5	60.3	63.4	64.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	42.7	60.4	63.5	64.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4000	44.2	62.8	65.9	66.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 3500	45.5	64.5	67.8	68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000	50.8	72.5	75.1	76.8	79.2	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	52.3	75.3	79.3	80.1	82.6	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	54.7	78.4	83.3	83.8	87.4	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1800	54.9	79.2	83.3	84.3	88.0	88.5	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1500	55.9	81.7	86.7	87.4	91.9	92.5	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200	58.3	83.3	88.9	89.7	94.4	95.0	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	58.3	83.3	89.2	90.0	95.1	95.7	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	58.6	83.6	89.5	90.3	95.6	96.3	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	58.6	83.6	89.5	90.3	96.0	96.8	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	58.6	83.6	89.5	90.3	96.3	97.2	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	58.6	83.6	89.7	90.4	96.5	97.5	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	58.6	83.6	89.7	90.4	96.8	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
JAN 1964
ATTN: WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

4 244 STANTON AFB MO

55-77, 73-79

407

STATION STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	24.3	32.2	34.5	34.7	34.2	35.5	36.3	37.2	37.2	37.4	37.4	37.5	37.5	37.5	37.7	37.7
≥ 8000	27.0	36.7	38.5	38.9	40.5	41.1	41.7	41.7	41.8	42.0	42.2	42.2	42.2	42.2	42.3	42.3
≥ 6000	27.2	37.3	38.7	39.1	41.0	41.5	41.7	42.1	42.2	42.3	42.4	42.5	42.5	42.5	42.6	42.6
≥ 4000	27.5	37.1	38.9	39.2	41.1	41.6	41.8	42.2	42.3	42.4	42.5	42.6	42.7	42.7	42.8	42.8
≥ 3000	27.7	37.6	39.4	39.8	41.3	42.5	42.7	43.1	43.2	43.3	43.4	43.5	43.6	43.6	43.7	43.7
≥ 2000	28.5	38.7	40.5	40.9	42.5	43.9	44.2	44.6	44.6	44.9	44.9	45.0	45.1	45.1	45.1	45.1
≥ 1000	30.5	40.9	43.8	43.9	46.7	47.2	47.5	48.1	48.1	48.2	48.3	48.4	48.5	48.5	48.5	48.5
≥ 900	30.3	41.2	43.5	44.2	47.2	47.7	48.2	48.5	48.6	48.8	48.9	49.0	49.1	49.1	49.1	49.1
≥ 800	33.3	44.8	47.7	48.3	51.6	52.2	52.7	53.3	53.4	53.6	53.7	53.8	53.9	53.9	54.0	54.1
≥ 700	34.8	47.3	50.5	51.3	55.1	55.9	56.5	57.1	57.2	57.5	57.5	57.7	57.7	57.7	57.8	57.8
≥ 600	34.8	47.5	50.7	51.5	55.4	56.2	56.7	57.4	57.5	57.7	57.8	57.9	58.0	58.1	58.1	58.1
≥ 500	35.2	48.7	51.8	52.1	56.1	56.9	57.6	58.2	58.3	58.5	58.5	58.7	58.7	58.8	58.9	58.9
≥ 450	35.4	48.3	51.5	52.4	56.4	57.3	57.9	58.5	58.6	58.9	59.0	59.1	59.2	59.2	59.2	59.2
≥ 400	36.4	49.7	53.4	54.3	58.4	59.3	60.0	60.6	60.7	61.0	61.1	61.2	61.3	61.3	61.4	61.4
≥ 350	37.4	51.3	55.2	56.1	60.5	61.4	62.1	62.7	62.9	63.1	63.2	63.3	63.4	63.5	63.5	63.5
≥ 300	41.5	56.9	61.8	62.6	67.7	68.9	69.6	70.5	70.6	70.9	71.0	71.1	71.2	71.3	71.3	71.3
≥ 2500	43.3	59.7	64.9	65.1	72.1	73.2	74.0	75.0	75.2	75.4	75.5	75.7	75.8	75.8	75.9	75.9
≥ 2000	45.1	62.3	68.2	69.6	76.7	78.1	79.1	80.3	80.5	80.7	80.8	81.0	81.1	81.1	81.2	81.2
≥ 1800	45.4	62.8	68.3	70.1	77.5	78.9	79.9	81.1	81.3	81.5	81.7	81.8	81.9	82.0	82.0	82.0
≥ 1500	46.5	65.2	71.7	73.1	81.6	83.2	84.5	85.8	85.9	86.2	86.4	86.5	86.7	86.7	86.8	86.8
≥ 1200	48.2	67.3	74.7	75.7	84.8	86.7	88.2	89.5	89.7	90.1	90.3	90.4	90.6	90.6	90.7	90.7
≥ 1000	48.3	67.5	74.8	76.5	86.9	88.9	90.6	92.3	92.5	92.9	93.1	93.3	93.5	93.5	93.6	93.6
≥ 900	48.5	67.8	75.1	76.9	87.2	89.3	91.0	92.8	93.0	93.5	93.7	93.9	94.0	94.1	94.1	94.1
≥ 800	48.6	68.2	75.5	77.3	88.1	90.3	92.1	94.1	94.3	94.9	95.1	95.3	95.4	95.5	95.5	95.5
≥ 700	48.6	68.3	75.6	77.4	88.4	90.9	92.7	95.0	95.2	95.9	96.2	96.3	96.5	96.5	96.6	96.6
≥ 600	48.6	68.1	75.5	77.7	88.9	91.5	93.6	95.9	96.2	96.9	97.3	97.5	97.7	97.8	97.8	97.8
≥ 500	48.6	68.1	75.5	77.8	89.0	91.8	94.0	96.4	96.7	97.6	98.1	98.3	98.7	98.7	98.9	98.9
≥ 400	48.6	68.1	75.5	77.8	89.2	91.9	94.1	96.5	96.9	97.8	98.5	98.7	99.2	99.2	99.4	99.4
≥ 300	48.6	68.1	75.5	77.8	89.2	91.9	94.1	96.5	96.9	97.8	98.5	98.8	99.3	99.4	99.5	99.7
≥ 200	48.6	68.1	75.5	77.8	89.2	91.9	94.1	96.5	96.9	97.8	98.5	98.8	99.3	99.5	99.8	99.9
≥ 100	48.6	68.1	75.5	77.8	89.2	91.9	94.1	96.5	96.9	97.8	98.5	98.8	99.3	99.5	99.8	99.9
≥ 0	48.6	68.1	75.5	77.8	89.3	91.9	94.2	96.6	97.0	97.9	98.6	98.9	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1013

JOURNAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

4-244

STATION NAME

63-70, 73-79

YEAR

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1970-1979
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/20	≥ 0
≥ 10000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 8000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 6000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 4000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 2000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1000	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 800	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 600	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 400	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 200	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 100	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 80	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 60	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 40	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 20	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 10	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 5	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 2½	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 2	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1½	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1¼	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ ¾	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ ½	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ ¼	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1/10	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 1/20	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2
≥ 0	41.6	43.7	44.7	47.8	47.3	45.1	49.5	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.2	50.2

TOTAL NUMBER OF OBSERVATIONS 745

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICES/MAC

CEILING VERSUS VISIBILITY

41244
 STATION

STATION NAME

66-70,73-79

YEARS

529
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	34.7	48.3	51.7	50.5	51.9	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	41.7	57.8	59.9	60.2	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	42.3	58.3	61.3	61.6	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	42.6	58.9	61.7	61.2	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	43.5	59.7	61.5	62.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	45.1	61.6	63.7	64.1	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	49.3	65.3	68.7	69.1	71.9	71.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	49.3	66.6	69.7	69.4	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	52.1	70.6	73.1	73.5	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3000	53.3	72.0	75.7	75.4	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2000	53.3	72.7	75.1	75.5	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 1500	53.7	72.5	75.5	76.0	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1000	54.3	73.1	76.1	76.6	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 800	55.3	75.7	78.7	78.8	81.5	81.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 600	57.1	76.6	79.5	80.4	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 400	60.3	82.3	85.7	86.7	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 300	61.6	83.3	87.1	88.1	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 200	62.4	84.9	89.7	90.3	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 150	62.3	85.5	89.3	91.1	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 100	63.7	86.5	91.1	92.7	96.5	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 80	63.4	87.7	91.5	93.1	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 60	64.1	87.4	91.3	93.7	98.0	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 40	64.1	87.4	91.3	93.7	98.0	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 30	64.3	87.6	92.1	93.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 20	64.3	87.6	92.1	93.9	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 10	64.4	87.7	92.2	94.0	98.5	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 5	64.4	87.7	92.2	94.1	98.7	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 3	64.4	87.7	92.2	94.1	98.7	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 2	64.4	87.7	92.2	94.1	98.7	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1	64.4	87.7	92.2	94.1	98.7	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 559

JOINT AIR FORCE
USAF ETAC
4-14-5 (OL A)

CEILING VERSUS VISIBILITY

STATION

STATION NAME

60-71, 73-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1960-1970
HOURS (L.S.T.)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 27000	64.7	55.9	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 25000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 23000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 21000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 19000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 17000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 15000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 13000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 11000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2500	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 2000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1800	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1500	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1200	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 1000	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 900	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 800	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 700	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 600	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 500	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 400	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 300	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 200	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 100	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 0	42.7	60.1	61.9	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9

TOTAL NUMBER OF OBSERVATIONS 041

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244

STANTON AFB MO

68-70, 73-79

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

FEET FLEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
≥ 25000	30.4	42.9	44.4	45.3	47.8	48.1	48.9	49.1	49.2	49.6	49.9	49.9	50.2	50.4	50.5	50.5
≥ 18000	35.0	49.7	52.1	52.7	55.5	55.9	56.7	56.9	57.1	57.5	57.7	57.7	58.1	58.2	58.3	58.7
≥ 15000	35.4	50.0	52.4	53.0	55.9	56.3	57.1	57.3	57.5	57.9	58.1	58.1	58.4	58.5	58.7	58.7
≥ 14000	35.4	50.2	52.8	53.2	56.1	56.6	57.3	57.6	57.7	58.1	58.3	58.3	58.7	58.8	59.0	59.0
≥ 13000	36.1	51.1	53.4	54.3	57.3	57.5	58.3	58.5	58.7	59.0	59.3	59.3	59.6	59.8	59.9	59.9
≥ 12000	37.8	53.1	55.7	56.4	59.7	60.2	61.0	61.2	61.4	61.8	62.0	62.0	62.3	62.5	62.6	62.6
≥ 11000	42.2	58.2	61.4	62.2	66.0	66.5	67.4	67.7	67.8	68.3	68.5	68.5	68.8	69.0	69.1	69.1
≥ 10000	42.3	58.9	62.1	62.9	66.8	67.3	68.1	68.4	68.5	69.0	69.2	69.2	69.5	69.7	69.9	69.9
≥ 9000	45.4	63.2	66.6	67.5	71.7	72.3	73.2	73.5	73.7	74.1	74.3	74.3	74.7	74.8	75.0	75.0
≥ 8000	47.8	65.7	68.3	69.7	74.1	74.7	75.7	76.1	76.2	76.7	76.9	76.9	77.2	77.4	77.5	77.5
≥ 7000	48.0	65.3	69.1	70.1	74.4	75.0	76.0	76.4	76.6	77.0	77.2	77.2	77.6	77.7	77.9	77.9
≥ 6000	48.4	65.7	69.6	70.5	74.8	75.4	76.5	76.8	77.0	77.4	77.6	77.6	78.0	78.1	78.2	78.3
≥ 5000	48.9	66.4	70.4	71.3	75.7	76.3	77.4	77.7	77.9	78.4	78.6	78.6	79.0	79.1	79.2	79.2
≥ 4500	50.4	68.1	72.3	73.1	77.6	78.2	79.3	79.7	79.9	80.3	80.5	80.5	80.9	81.0	81.2	81.2
≥ 4000	51.3	69.3	73.3	74.0	79.2	79.8	80.9	81.3	81.4	81.9	82.1	82.1	82.4	82.5	82.7	82.7
≥ 3500	54.1	73.2	77.7	79.2	84.1	84.7	85.9	86.3	86.5	86.9	87.2	87.2	87.5	87.7	87.9	87.9
≥ 3000	55.1	74.4	79.1	80.7	85.9	86.6	87.8	88.3	88.4	88.9	89.1	89.1	89.5	89.6	89.8	89.8
≥ 2500	55.7	75.6	80.4	82.1	88.2	89.0	90.4	90.9	91.1	91.5	91.8	91.8	92.1	92.3	92.4	92.4
≥ 2000	56.1	75.9	81.3	82.4	88.6	89.4	90.7	91.3	91.5	92.0	92.2	92.2	92.6	92.7	92.9	92.9
≥ 1800	56.4	76.4	81.5	83.2	89.7	90.5	91.9	92.5	92.7	93.3	93.5	93.5	93.9	94.0	94.2	94.2
≥ 1600	56.5	76.6	81.8	83.6	90.5	91.3	92.8	93.4	93.7	94.3	94.6	94.6	95.0	95.1	95.3	95.3
≥ 1400	56.6	76.8	82.0	83.9	91.1	92.0	93.8	94.4	94.7	95.4	95.7	95.7	96.1	96.2	96.3	96.4
≥ 1200	56.6	76.9	82.0	83.9	91.2	92.2	94.0	94.7	95.0	95.7	95.9	95.9	96.3	96.5	96.6	96.7
≥ 1000	56.7	76.9	82.2	84.1	91.5	92.6	94.5	95.3	95.6	96.3	96.6	96.6	96.9	97.1	97.2	97.3
≥ 900	56.7	76.9	82.2	84.1	91.6	92.7	94.7	95.5	95.9	96.7	97.0	97.0	97.4	97.6	97.7	97.7
≥ 800	56.7	77.0	82.3	84.2	91.8	93.0	95.3	95.8	96.2	97.1	97.5	97.5	97.9	98.1	98.2	98.3
≥ 700	56.7	77.0	82.3	84.3	91.9	93.2	95.2	96.1	96.5	97.6	98.0	98.1	98.5	98.7	98.9	98.9
≥ 600	56.7	77.0	82.3	84.3	91.9	93.3	95.4	96.2	96.7	97.8	98.2	98.3	98.8	99.0	99.1	99.2
≥ 500	56.7	77.0	82.3	84.3	91.9	93.3	95.4	96.3	96.7	97.9	98.3	98.3	98.9	99.2	99.4	99.5
≥ 400	56.7	77.0	82.3	84.3	91.9	93.3	95.4	96.3	96.7	97.9	98.3	98.3	99.0	99.3	99.5	99.5
≥ 300	56.7	77.0	82.3	84.3	92.0	93.3	95.4	96.3	96.8	97.9	98.3	98.4	99.1	99.4	99.6	99.9
≥ 200	56.7	77.0	82.4	84.4	92.0	93.4	95.5	96.4	96.8	98.0	98.4	98.5	99.1	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7-6

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF CLIMATOLOGY BRANCH
 CHARLTON
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION
 4-144

STATION NAME
 STANTON AAF KS

66-70, 71-79

001

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH
 677-787
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32
≥ 10000	42.1	41.3	45.3	47.4	57.1	57.5	67.4	61.5	62.1	63.5	64.7	64.6	67.4	65.2	65.9	66.4
≥ 9000	34.3	44.8	45.2	51.2	61.5	67.1	64.9	66.3	65.7	66.1	67.2	69.2	67.9	70.2	70.5	71.1
≥ 8000	34.3	44.9	45.4	51.5	61.6	62.4	65.1	65.5	65.7	64.3	67.2	67.9	67.1	70.1	70.8	71.4
≥ 7000	34.3	44.9	45.4	51.5	61.6	62.4	65.1	65.5	65.7	64.3	67.2	67.9	67.1	70.1	70.8	71.4
≥ 6000	34.4	45.7	45.5	51.7	62.1	62.6	65.4	65.8	67.1	65.9	69.4	69.9	70.8	71.3	71.5	72.1
≥ 5000	34.3	45.6	50.2	52.4	62.8	63.3	66.1	67.5	68.1	69.7	70.3	70.7	71.7	72.1	72.4	72.9
≥ 4000	35.4	48.9	54.7	55.1	67.1	67.8	70.6	72.1	72.5	74.2	74.7	75.1	75.1	75.5	75.8	77.4
≥ 3000	38.7	49.4	54.5	55.7	67.6	68.3	71.1	72.6	73.1	74.7	75.3	75.7	75.7	77.1	77.4	77.9
≥ 2000	38.8	52.2	58.1	60.1	71.3	71.9	74.7	75.3	76.7	75.5	79.7	77.4	80.4	81.1	81.3	81.3
≥ 1500	38.9	52.5	58.5	60.7	72.2	72.9	75.9	77.4	77.5	79.5	80.1	80.6	81.5	82.1	82.4	82.9
≥ 1000	38.9	52.8	58.8	61.0	72.5	73.2	75.1	77.6	78.1	79.9	80.4	80.8	81.8	82.4	82.5	83.2
≥ 800	38.9	52.8	58.8	61.0	72.5	73.2	75.1	77.6	78.1	79.9	80.4	80.8	81.8	82.4	82.5	83.2
≥ 600	38.9	52.8	58.8	61.0	72.5	73.2	75.1	77.6	78.1	79.9	80.4	80.8	81.8	82.4	82.5	83.2
≥ 400	38.9	52.8	58.8	61.0	72.5	73.2	75.1	77.6	78.1	79.9	80.4	80.8	81.8	82.4	82.5	83.2
≥ 300	40.7	54.2	60.3	62.6	74.9	75.6	78.5	80.1	80.5	82.5	83.1	83.5	84.4	85.1	85.3	85.8
≥ 250	42.1	56.4	63.1	65.7	78.6	79.3	82.5	84.4	84.9	86.8	87.4	87.8	88.9	89.4	89.7	90.3
≥ 200	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 150	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 100	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 80	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 60	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 40	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 30	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 20	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4
≥ 10	42.3	57.2	63.9	66.5	79.6	80.3	83.6	86.7	86.4	88.3	88.9	89.3	90.4	91.1	91.3	91.4

TOTAL NUMBER OF OBSERVATIONS 720

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAJ

CEILING VERSUS VISIBILITY

STATION
STATION

STATION NAME
STATION NAME

62-70,73-79

001

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
600-1100
HOURS (L.S.T.)

ELEVATION FEET	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 10000	42.1	52.1	54.4	57.9	63.9	64.2	64.6	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	42.1	54.9	57.2	62.2	65.2	69.6	62.9	70.2	72.7	72.7	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	42.1	55.4	61.3	62.7	62.6	71.1	70.5	71.1	71.4	71.4	71.7	71.7	71.7	71.9	71.9	71.9
≥ 4000	42.1	55.3	61.3	62.9	69.7	71.2	70.7	71.3	71.5	71.5	71.5	71.5	71.5	72.0	72.0	72.0
≥ 2000	42.1	55.5	61.3	62.4	69.7	71.2	70.7	71.3	71.5	71.5	71.5	71.5	71.5	72.0	72.0	72.0
≥ 1000	42.1	55.4	61.3	62.8	71.7	71.3	71.8	72.2	72.6	72.7	73.0	73.0	73.0	73.2	73.2	73.2
≥ 800	46.2	60.1	65.5	67.7	71.3	75.1	76.5	77.0	77.7	77.4	77.7	77.7	77.7	78.1	78.1	78.1
≥ 600	46.2	60.3	65.5	68.3	71.4	77.0	77.6	78.1	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.0
≥ 400	49.1	64.6	71.5	73.4	81.2	82.0	82.5	83.1	83.3	83.5	83.7	83.7	84.0	84.0	84.0	84.0
≥ 200	49.7	65.5	71.7	74.4	80.3	83.1	83.6	84.1	84.4	84.5	84.5	84.5	84.5	85.0	85.0	85.0
≥ 100	50.3	66.1	72.4	75.2	82.1	83.9	84.4	84.9	85.0	85.3	85.5	85.5	85.5	85.8	85.8	85.8
≥ 5000	51.4	66.3	72.4	75.6	83.3	84.8	84.8	85.3	85.6	85.7	86.0	86.0	86.0	86.2	86.2	86.2
≥ 4500	51.4	66.3	73.1	75.9	83.9	84.6	85.2	85.7	86.1	86.1	86.4	86.4	86.4	86.5	86.5	86.5
≥ 4000	51.3	67.2	74.4	77.2	85.3	86.2	86.7	87.3	87.5	87.7	87.9	87.9	88.2	88.2	88.2	88.2
≥ 3500	51.6	67.6	74.8	77.6	85.7	86.6	87.1	87.7	87.9	88.1	88.3	88.3	88.5	88.5	88.5	88.5
≥ 3000	53.1	69.0	76.9	79.5	88.1	89.1	89.8	90.4	90.7	90.9	91.1	91.1	91.3	91.3	91.3	91.3
≥ 2500	53.1	69.3	77.7	80.4	89.4	90.4	91.1	91.9	92.1	92.3	92.5	92.7	92.9	92.9	92.9	92.9
≥ 2000	53.1	70.6	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 1500	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 1000	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 800	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 600	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 400	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 200	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 100	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 500	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 400	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 300	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 200	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 100	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 50	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9
≥ 0	53.1	70.8	79.1	82.0	91.2	92.3	92.9	93.8	94.1	94.2	94.5	94.5	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS 750

U.S. AIR FORCE
 WASHINGTON, D.C.
 AIR FORCE SERVICE CENTER

CEILING VERSUS VISIBILITY

STATION 44 STATION NAME

66-75,75-79

207

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-7-14
 HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14	≥ 15	≥ 16
≥ 1000	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 900	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 800	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 700	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 600	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 500	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 400	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 300	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 200	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 100	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 50	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 20	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 2	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1	67.1	66.4	67.4	67.7	67.6	68.5	68.3	68.9	68.1	68.9	68.1	68.1	68.1	68.1	68.1	68.1

TOTAL NUMBER OF OBSERVATIONS 719

FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

STATION 14F K. 55-70,73-79
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	26	25	24	23	22 1/2	22	21 1/2	21	20 1/2	20	19 1/2	19	18 1/2	18	17 1/2
≥ 2700	42.5	54.4	57.4	57.4	61.7	62.9	63.7	64.2	64.4	64.5	65.1	65.1	65.7	65.4	65.4	65.4
2 2700	45.6	52.5	63.1	64.4	59.2	62.4	70.1	72.7	72.5	71.2	71.4	71.2	71.8	71.1	72.3	72.1
2 2400	45.4	59.9	63.7	64.9	62.6	70.3	72.8	71.4	71.5	71.9	72.1	72.2	72.5	72.3	72.5	72.0
2 2100	45.1	60.1	64.2	65.2	62.9	72.2	71.1	71.6	71.4	72.1	72.7	72.4	72.7	72.5	72.9	73.1
2 1800	46.3	61.2	64.2	65.4	7.1	72.5	71.3	71.9	72.7	72.4	72.5	72.8	73.1	73.2	73.2	73.4
2 1500	47.7	61.7	65.3	66.9	71.6	72.2	72.3	73.4	73.5	74.2	74.2	74.2	74.5	74.7	74.9	74.9
2 1200	49.4	65.3	67.4	71.7	75.9	76.4	77.2	77.8	78.3	78.4	78.7	79.2	79.3	79.1	79.2	79.7
2 900	49.7	65.9	71.2	71.2	75.7	77.1	78.3	78.5	78.7	79.2	79.4	79.7	79.8	79.9	80.7	80.1
2 600	52.4	70.1	74.7	76.1	81.6	82.1	82.9	83.5	83.7	84.2	84.4	84.5	84.8	84.9	85.3	85.1
2 300	53.1	70.5	75.5	76.9	82.6	83.1	84.7	84.6	84.7	85.2	85.4	85.5	85.5	85.5	85.7	86.7
2 000	53.3	70.9	75.9	77.3	83.1	83.5	84.4	85.0	85.1	85.5	85.9	85.9	86.3	86.3	86.5	86.6
1 900	53.9	71.2	76.2	77.6	83.4	83.9	84.8	85.4	85.5	86.1	86.2	86.3	86.5	86.5	86.9	87.0
1 800	53.5	71.2	76.4	77.8	83.7	84.1	85.0	85.5	85.7	86.2	86.4	86.5	86.5	87.1	87.1	87.0
1 700	54.4	72.3	77.5	79.1	85.1	85.6	86.5	87.1	87.2	87.7	88.7	88.1	88.4	88.5	88.5	88.7
1 600	54.6	72.7	78.1	79.6	85.7	86.2	87.0	87.5	87.8	88.3	88.5	88.8	89.0	89.1	89.2	89.3
1 500	57.5	76.7	82.5	83.4	89.9	90.5	91.5	92.2	92.4	92.9	93.1	93.2	93.5	93.7	93.8	93.9
1 400	55.1	77.3	82.5	85.2	92.2	92.8	93.9	94.8	95.0	95.5	95.9	95.9	95.9	95.9	96.4	96.5
1 300	58.2	77.4	83.6	85.3	92.3	93.3	94.3	94.9	95.1	95.6	95.9	96.1	96.4	96.5	96.5	96.7
1 200	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
1 100	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
1 000	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
900	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
800	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
700	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
600	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
500	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
400	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
300	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
200	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
100	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5
0	58.3	77.5	83.7	85.6	92.9	93.8	94.9	95.7	95.9	96.4	96.7	96.8	97.2	97.3	97.4	97.5

TOTAL NUMBER OF OBSERVATIONS 2691

JOINT CLIMATOLOGY BRANCH
USAF ETAC
ATTN: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40044

STANTON AAF MO

65-70, 73-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-1600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	27.4	43.9	44.9	49.9	57.6	58.3	51.1	52.7	57.3	54.3	54.7	54.7	57.3	55.4	56.3	56.3
≥ 20000	40.3	45.9	51.7	52.9	61.7	62.7	54.9	56.7	67.3	68.3	68.7	55.7	59.3	59.3	72.3	72.3
≥ 18000	40.4	46.7	52.7	53.1	61.6	62.3	55.1	57.0	67.6	68.6	69.7	69.0	54.6	59.7	72.5	72.6
≥ 16000	40.4	46.7	52.7	53.1	61.6	62.3	55.1	57.0	67.6	68.6	69.7	69.0	54.6	59.7	72.5	72.6
≥ 14000	41.1	47.3	52.9	53.7	62.1	62.9	55.7	57.6	68.1	69.1	69.6	69.6	54.6	70.1	72.7	71.1
≥ 12000	41.4	47.7	53.7	54.1	62.6	63.3	56.3	58.1	68.7	69.7	70.1	70.1	70.7	70.9	71.7	71.7
≥ 10000	42.7	49.1	54.9	56.0	65.7	65.7	58.9	70.9	71.4	72.4	72.9	72.9	72.4	73.6	74.4	74.4
≥ 9000	42.7	49.4	55.3	56.0	65.6	66.3	59.4	71.4	72.7	73.2	73.4	73.4	74.3	74.1	75.2	75.2
≥ 8000	44.3	51.4	57.9	59.1	68.6	69.4	72.7	74.7	75.3	76.3	76.7	76.7	77.3	77.4	78.3	78.3
≥ 7000	45.3	52.4	59.1	60.4	69.9	70.7	74.0	76.0	76.6	77.6	78.1	78.0	78.6	78.7	79.6	79.6
≥ 6000	45.6	52.7	59.4	60.7	70.1	71.0	74.3	76.3	76.9	77.9	78.3	78.3	78.9	79.1	79.9	79.9
≥ 5000	45.9	53.0	59.7	61.0	70.7	71.6	74.9	76.9	77.4	78.4	78.9	78.9	79.4	79.6	80.4	80.4
≥ 4500	46.0	53.4	60.1	61.4	71.1	72.0	75.3	77.3	77.9	78.9	79.3	79.3	79.9	80.0	80.9	80.9
≥ 4000	46.7	54.6	61.3	62.7	72.6	73.4	76.7	78.7	79.7	80.3	80.7	80.7	81.3	81.4	82.3	82.3
≥ 3500	47.3	55.7	62.4	64.1	74.0	74.9	77.1	80.3	80.9	81.9	82.3	82.3	82.9	83.1	83.9	83.9
≥ 3000	51.3	60.9	62.3	70.0	80.7	81.7	85.3	87.6	88.1	89.1	89.6	89.6	90.1	90.2	91.1	91.1
≥ 2500	51.7	61.6	69.4	71.3	83.9	84.9	88.6	91.9	91.4	92.4	92.9	92.9	93.4	93.6	94.4	94.4
≥ 2000	51.7	61.7	69.7	71.6	84.6	85.6	89.4	91.9	92.6	93.6	94.0	94.0	94.6	94.7	95.6	95.6
≥ 1800	51.9	62.1	70.7	71.9	84.9	85.9	89.7	92.1	92.9	93.9	94.3	94.3	94.9	95.2	95.9	95.9
≥ 1500	51.3	62.0	70.1	72.0	85.1	86.1	90.1	92.6	93.3	94.3	94.7	94.7	95.3	95.4	96.3	96.3
≥ 1200	51.9	62.1	70.4	72.4	85.6	86.6	90.6	93.1	93.9	94.9	95.4	95.4	96.0	96.1	97.0	97.0
≥ 1000	51.9	62.1	70.4	72.4	85.6	86.6	90.6	93.3	94.1	95.0	95.6	95.6	96.1	96.3	97.1	97.1
≥ 900	51.3	62.1	70.4	72.4	85.6	86.6	90.6	93.3	94.1	95.0	95.6	95.6	96.1	96.3	97.1	97.1
≥ 800	51.3	62.3	70.6	72.6	85.7	86.7	90.7	93.4	94.1	95.1	95.9	96.0	96.6	96.7	97.6	97.6
≥ 700	51.4	62.3	70.6	72.6	85.7	86.7	91.0	93.7	94.4	95.4	96.1	96.3	96.9	97.0	97.9	97.9
≥ 600	51.9	62.3	70.6	72.6	85.7	86.7	91.0	93.7	94.4	95.4	96.1	96.3	96.9	97.0	97.9	97.9
≥ 500	51.3	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.0	98.0
≥ 400	51.3	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.1	98.1
≥ 300	51.3	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.3	98.3
≥ 200	51.3	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.3	98.3
≥ 100	51.9	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.3	98.3
≥ 0	51.9	62.3	70.6	72.6	85.7	86.7	91.0	93.9	94.6	95.6	96.3	96.4	97.0	97.1	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 71

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-244
STATION

STATION NAME

58-70,73-79

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0
NO CEILING ≥ 20000	43.4	51.4	54.4	55.9	57.7	59.2	60.9	62.6	63.9	64.1	6	64.1	64.6	64.6	64.9
≥ 18000	45.4	53.7	57.5	59.1	61.1	62.1	66.2	68.0	69.2	69.5	6	70.2	70.2	70.7	70.4
≥ 16000	45.4	54.1	59.1	59.5	64.6	65.6	66.7	68.5	69.2	70.0	7	70.7	70.7	70.9	71.0
≥ 14000	45.6	54.3	59.3	59.8	64.9	65.9	67.2	68.8	70.0	70.3	70.7	71.0	71.0	71.1	71.3
≥ 12000	46.1	55.0	59.1	60.5	65.6	65.6	67.7	69.5	70.7	71.0	71.4	71.7	71.7	71.8	72.0
≥ 10000	47.5	56.8	60.3	62.3	67.1	67.1	70.6	72.4	73.5	74.9	74.3	74.6	74.6	74.7	74.9
≥ 8000	47.7	56.3	60.9	62.4	68.4	68.3	70.9	72.7	73.3	74.2	74.6	74.9	74.9	75.0	75.1
≥ 6000	48.1	60.1	64.5	66.3	72.4	73.3	75.3	77.1	78.3	78.6	79.1	79.3	79.3	79.4	79.6
≥ 4000	50.7	60.8	66.1	67.8	74.2	75.1	77.1	78.9	80.1	80.5	80.9	81.1	81.1	81.2	81.4
≥ 3000	51.3	60.9	66.2	68.0	74.3	75.3	77.2	79.0	80.0	80.5	80.9	81.2	81.2	81.4	81.5
≥ 2000	51.3	60.9	66.2	68.0	74.4	75.4	77.3	79.1	80.4	80.7	81.1	81.4	81.4	81.5	81.6
≥ 1500	51.3	61.3	66.4	68.2	75.0	76.1	78.0	79.8	81.1	81.4	81.8	82.3	82.3	82.3	82.3
≥ 1000	52.3	63.4	67.9	70.7	78.3	79.4	81.4	83.1	84.4	84.7	85.1	85.4	85.4	85.5	85.6
≥ 800	54.4	64.9	71.5	72.4	80.5	81.6	83.6	85.5	86.7	87.3	87.4	87.7	87.7	87.8	88.0
≥ 600	56.1	67.7	73.3	75.8	85.4	86.6	88.8	90.7	92.1	92.4	93.0	93.2	93.2	93.4	93.5
≥ 400	56.4	68.1	74.3	76.7	86.9	88.1	90.3	92.3	93.5	93.9	94.5	94.8	94.8	94.9	95.0
≥ 300	56.3	68.5	74.9	77.6	88.0	89.2	91.4	93.4	94.6	95.0	95.7	96.0	96.0	96.1	96.3
≥ 200	56.3	68.8	75.1	77.9	88.4	89.4	91.6	93.5	94.8	95.2	96.1	96.4	96.4	96.5	96.7
≥ 150	57.0	69.2	75.5	78.3	88.8	89.6	92.0	93.9	95.3	95.7	96.9	97.1	97.1	97.2	97.4
≥ 100	57.3	69.1	75.4	78.2	88.7	89.9	92.3	94.2	95.6	96.1	97.2	97.5	97.5	97.7	97.8
≥ 80	57.3	69.2	75.5	78.3	88.8	90.1	92.4	94.3	95.7	96.3	97.4	97.7	97.7	97.9	97.9
≥ 60	57.3	69.2	75.5	78.3	89.1	90.3	92.7	94.6	96.0	96.5	97.7	97.9	97.9	98.1	98.2
≥ 40	57.3	69.2	75.6	78.3	89.4	90.6	93.0	94.9	96.3	96.8	97.9	98.2	98.2	98.3	98.6
≥ 30	57.3	69.2	75.6	78.3	89.4	90.6	93.0	94.9	96.3	96.8	97.9	98.2	98.2	98.3	98.6
≥ 20	57.3	69.2	75.6	78.3	89.4	90.6	93.1	95.2	96.7	97.1	98.2	98.5	98.5	98.6	98.9
≥ 10	57.3	69.2	75.6	78.3	89.4	90.6	93.1	95.2	96.7	97.2	98.3	98.6	98.6	98.9	99.0
≥ 0	57.3	69.2	75.6	78.3	89.4	90.6	93.1	95.2	96.7	97.2	98.3	98.6	98.6	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40044
STATION

STATION NAME

68-77,73-79

YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH
1973-1979
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 10000	11.2	58.2	67.3	67.7	62.7	62.7	67.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	54.3	61.3	64.3	65.4	67.5	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 6000	54.8	62.2	65.5	66.1	68.2	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 4000	54.9	62.4	65.7	66.3	68.4	68.5	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	56.1	63.7	67.1	67.6	69.7	69.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	55.6	64.5	68.1	68.7	70.7	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1000	57.5	65.7	69.3	69.9	72.7	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 800	57.8	66.1	69.7	70.3	73.1	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 600	59.9	68.5	72.7	73.6	77.0	77.5	77.5	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 400	60.6	69.6	74.3	74.9	78.4	78.8	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 300	60.7	69.7	74.2	75.1	78.5	79.0	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 200	61.3	70.4	74.3	75.8	79.3	79.7	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 150	61.3	70.4	75.1	76.0	79.7	80.1	80.6	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 100	63.1	72.7	77.3	78.7	82.5	83.0	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 80	64.3	74.6	79.3	80.7	84.6	85.2	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 60	68.2	78.8	84.3	85.5	90.7	91.3	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 40	68.6	80.3	86.1	87.2	91.9	92.7	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 30	70.1	81.3	87.3	89.1	94.2	94.9	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 20	70.3	81.5	87.5	89.3	94.3	95.1	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 15	70.3	82.1	88.1	89.9	95.7	96.7	97.6	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 10	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 8	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 6	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 4	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	70.9	82.1	88.1	89.9	95.7	96.7	97.6	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 67

GLOBAL CLIMATOLOGY BRANCH
UNAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

40044 STANTON AAF KS 68-70,73-79 NOV
STATION STATION NAME YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-1700
HOURS (L.S.T.)

ELEVATION (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 7000	52.4	58.1	59.8	60.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000 ≥ 500	57.6	53.2	55.9	65.3	63.3	58.3	58.3	58.3	58.3	68.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000 ≥ 2000	58.4	54.6	66.2	67.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000 ≥ 3000	53.5	54.8	67.1	67.5	67.4	69.4	58.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 8000 ≥ 4000	59.3	55.2	67.5	67.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000 ≥ 2000	59.3	55.4	67.5	68.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4000 ≥ 1000	61.6	68.4	71.3	71.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 2000 ≥ 500	62.5	69.5	72.2	72.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000 ≥ 7000	66.5	74.3	77.7	76.8	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000 ≥ 5000	67.1	75.3	78.3	79.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4500 ≥ 4000	67.1	75.4	78.9	80.4	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000 ≥ 2000	67.5	75.9	79.4	80.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500 ≥ 1000	68.3	76.6	81.1	81.5	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800 ≥ 400	68.6	76.9	81.4	81.8	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500 ≥ 2000	75.8	85.3	88.7	90.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800 ≥ 1500	75.7	85.1	89.3	91.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200 ≥ 800	77.1	86.3	91.1	92.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700 ≥ 600	77.1	86.3	91.1	92.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500 ≥ 400	77.1	86.3	91.1	92.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300 ≥ 200	77.1	86.3	91.1	92.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100 ≥ 50	77.1	86.3	91.1	92.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47244
STATION

STATION NAME

62-70,73-79

USE WITH CAUTION
SEE PAGE

NO.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	48.1	52.7	55.7	56.6	60.3	63.7	61.5	62.6	63.1	63.4	62.6	63.0	62.8	63.6	64.1	64.1
18000	49.1	56.1	59.7	60.7	65.2	65.6	66.7	67.7	68.2	68.5	68.8	68.8	69.3	69.1	69.3	69.7
16000	49.4	56.6	60.3	61.3	65.8	66.3	67.3	68.4	68.8	69.2	69.4	69.5	69.6	69.7	69.9	69.9
14000	49.5	56.7	60.4	61.4	65.9	66.3	67.4	68.4	68.9	69.2	69.5	69.5	69.7	69.9	70.0	70.0
12000	50.1	57.3	61.1	62.1	66.5	67.0	68.0	69.1	69.5	69.9	70.1	70.2	70.3	70.5	70.7	70.7
10000	50.5	57.9	61.7	62.6	67.1	67.6	68.7	69.7	70.2	70.5	70.7	70.8	71.0	71.2	71.3	71.3
8000	52.3	59.7	63.3	64.7	69.7	70.2	71.5	72.6	73.1	73.4	73.5	73.7	73.8	73.9	74.2	74.2
6000	52.3	62.1	64.2	65.2	70.3	70.8	72.2	73.1	73.5	73.9	74.2	74.5	74.4	74.5	74.7	74.7
4000	54.3	63.2	67.3	69.1	74.6	75.3	76.7	77.8	78.3	78.5	78.9	79.1	79.1	79.1	79.4	79.4
2000	55.5	64.1	69.2	70.5	76.1	76.7	78.2	79.3	79.5	80.1	80.2	80.4	80.6	80.8	80.9	80.9
1000	55.7	64.3	69.3	70.7	76.5	77.1	78.5	79.7	80.2	80.5	80.7	80.8	81.0	81.2	81.3	81.3
500	56.7	64.7	69.7	71.1	77.0	77.6	79.1	80.2	80.7	81.0	81.2	81.3	81.4	81.5	81.8	81.8
200	56.2	65.2	70.1	71.4	77.5	78.2	79.6	80.8	81.3	81.6	81.8	81.9	82.0	82.1	82.4	82.4
100	57.4	66.5	71.8	73.2	79.5	80.2	81.7	82.8	83.3	83.6	83.8	83.9	84.0	84.1	84.4	84.4
50	58.5	68.1	73.4	74.9	81.5	82.2	83.7	84.9	85.4	85.7	86.0	86.0	86.2	86.3	86.5	86.5
20	57.1	72.3	73.1	79.6	87.1	87.9	89.6	90.9	91.4	91.7	92.0	92.1	92.2	92.3	92.5	92.5
10	52.7	73.2	79.2	81.0	89.2	90.0	91.7	93.0	93.5	93.9	94.1	94.2	94.3	94.4	94.7	94.7
5	53.4	74.1	80.7	82.1	90.7	91.5	93.2	94.6	95.1	95.4	95.7	95.8	96.0	96.3	96.3	96.3
2	53.5	74.1	80.2	82.2	90.8	91.6	93.4	94.7	95.2	95.6	96.0	96.0	96.2	96.3	96.5	96.5
1	53.7	74.3	80.4	82.5	91.5	92.5	94.4	95.8	96.4	96.8	97.2	97.2	97.4	97.5	97.8	97.8
0.5	53.3	74.5	80.6	82.7	91.8	92.7	94.6	96.1	96.7	97.1	97.5	97.6	97.8	97.9	98.1	98.1
0.2	53.6	74.5	80.7	82.8	91.9	92.8	94.7	96.3	96.9	97.3	97.3	97.8	98.1	98.2	98.5	98.5
0.1	53.3	74.5	80.7	82.8	92.0	92.9	94.8	96.3	96.9	97.4	97.8	97.9	98.2	98.3	98.5	98.5
0.05	53.3	74.5	80.7	82.8	92.1	93.0	94.9	96.5	97.1	97.5	98.0	98.1	98.5	98.5	98.8	98.8
0.02	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.6	97.2	97.6	98.1	98.2	98.6	98.7	99.0	99.0
0.01	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.7	97.3	97.8	98.2	98.3	98.8	98.8	99.1	99.1
0.005	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.8	97.4	97.8	98.3	98.4	98.9	98.9	99.2	99.2
0.002	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.8	97.4	97.9	98.3	98.5	98.9	99.0	99.4	99.4
0.001	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.8	97.4	97.9	98.3	98.5	98.9	99.0	99.4	99.4
0.0005	53.3	74.5	80.7	82.8	92.2	93.1	95.1	96.8	97.4	97.9	98.3	98.5	98.9	99.0	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFH WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 244

STATION AAF KD

65-70,73-79

0.0

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
≥ 10000	36.2	41.7	42.2	45.5	57.6	57.9	59.5	59.9	59.9	60.4	60.4	60.5	60.9	60.9	61.9	61.2
≥ 9000	37.4	43.3	49.2	51.3	57.7	60.1	61.9	62.3	62.3	62.6	62.6	62.9	63.3	63.4	63.4	63.7
≥ 8000	37.5	43.3	50.1	51.5	60.1	60.5	62.3	62.6	62.6	63.2	63.2	63.3	63.7	63.8	63.8	64.1
≥ 7000	37.6	43.3	51.1	51.5	60.1	60.5	62.3	62.6	62.6	63.2	63.2	63.3	63.7	63.8	63.8	64.1
≥ 6000	37.7	43.6	50.3	51.8	60.4	60.6	62.5	62.9	62.9	63.4	63.4	63.6	64.0	64.1	64.1	64.4
≥ 5000	37.8	43.6	50.3	51.8	60.4	60.6	62.5	62.9	62.9	63.4	63.4	63.6	64.0	64.1	64.1	64.4
≥ 4000	39.2	45.2	52.1	53.5	62.5	63.3	64.8	65.2	65.2	65.7	65.7	65.8	66.2	66.4	66.4	66.6
≥ 3000	39.3	45.7	52.7	54.2	63.2	63.7	65.4	65.8	65.8	66.4	66.4	66.5	66.9	67.0	67.0	67.3
≥ 2000	41.6	47.8	54.8	56.4	65.8	66.5	68.2	68.6	68.6	69.1	69.1	69.3	69.7	69.8	69.8	70.1
≥ 1000	42.4	48.9	55.9	57.6	67.4	68.1	69.9	70.3	70.3	70.9	70.9	71.1	71.4	71.5	71.5	71.8
≥ 800	42.4	48.9	55.9	57.6	67.5	68.2	70.1	70.5	70.5	71.0	71.0	71.1	71.5	71.7	71.7	71.9
≥ 600	42.9	49.4	56.7	58.4	68.6	69.3	71.1	71.5	71.5	72.1	72.1	72.2	72.6	72.7	72.7	73.0
≥ 4500	43.1	49.7	57.1	59.8	69.0	69.7	71.5	71.9	71.9	72.5	72.5	72.6	73.0	73.1	73.1	73.4
≥ 4000	44.1	50.7	58.4	60.1	70.9	71.5	73.4	73.8	73.8	74.3	74.3	74.4	74.8	75.0	75.0	75.2
≥ 3500	44.4	51.4	59.6	61.3	73.6	74.3	76.2	76.5	76.7	77.2	77.2	77.4	77.7	77.9	77.9	78.1
≥ 3000	46.3	54.1	63.3	65.0	80.5	81.5	83.4	83.8	84.0	84.6	84.6	84.8	85.2	85.6	85.6	85.8
≥ 2500	47.3	54.4	63.3	66.1	82.3	83.2	86.4	86.8	87.3	87.9	87.9	88.1	88.6	89.0	89.0	89.3
≥ 2000	47.8	55.2	65.2	67.7	84.8	85.7	89.9	90.3	90.6	91.5	91.7	91.8	92.3	92.7	92.7	93.1
≥ 1800	47.8	55.2	65.2	67.7	84.8	85.7	89.9	90.3	90.6	91.5	91.7	91.8	92.3	92.7	92.7	93.1
≥ 1500	48.1	55.6	65.7	68.2	85.3	86.2	90.5	91.0	91.3	92.2	92.5	92.6	93.1	93.5	93.5	93.9
≥ 1000	48.1	55.6	65.8	68.3	85.4	86.4	90.6	91.1	91.4	92.5	92.7	92.8	93.4	93.8	93.8	94.2
≥ 900	48.1	55.6	65.8	68.3	85.6	86.6	91.0	91.9	92.2	93.4	93.6	93.8	94.4	94.8	94.8	95.2
≥ 800	48.1	55.6	65.8	68.3	85.6	86.6	91.0	91.9	92.2	93.4	93.6	93.8	94.4	94.8	94.8	95.2
≥ 700	48.1	55.6	65.8	68.3	85.7	86.8	91.1	92.2	92.5	93.6	94.0	94.4	95.1	95.5	95.5	95.9
≥ 600	48.1	55.6	65.8	68.3	85.8	86.9	91.3	92.3	92.6	93.9	94.3	94.7	95.4	95.9	95.9	96.4
≥ 500	48.1	55.6	65.8	68.3	85.8	86.9	91.3	92.3	92.6	93.9	94.4	94.8	95.5	96.0	96.0	96.7
≥ 400	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.5	92.7	94.0	94.6	95.0	96.0	96.6	97.0	97.6
≥ 300	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.7	93.0	94.3	94.8	95.2	96.6	97.1	97.6	98.3
≥ 200	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.8	93.1	94.4	95.0	95.4	96.7	97.2	97.7	98.8
≥ 100	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.8	93.1	94.4	95.0	95.4	96.7	97.3	98.4	99.0
≥ 0	48.1	55.6	65.8	68.3	85.8	86.9	91.4	92.8	93.1	94.4	95.0	95.4	96.7	97.5	98.4	99.0

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41244

STANTON AFB KS

1970-71-72

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO. OBS.	72.3	34.5	43.2	44.3	54.1	55.9	56.7	57.5	57.7	57.4	54.1	54.1	54.1	54.1	54.1	54.1
≥ 2500	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1800	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1500	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1400	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1200	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1000	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 800	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 700	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 600	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 500	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 450	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 400	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 350	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 300	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 250	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 200	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 150	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 100	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 75	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 50	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 25	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 5	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 2	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1	34.4	41.1	45.7	46.9	54.4	54.1	57.3	52.1	52.7	52.4	52.7	52.7	52.7	52.7	52.7	52.7

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

47244
 STATION

STANTON AAF KC
 STATION NAME

68-70, 73-79
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 0.75	≥ 1	≥ 1.5	≥ 2	≥ 2.5	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10
≥ 20000	44.1	51.1	54.1	55.1	58.8	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	46.5	53.9	57.7	59.3	63.4	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	46.5	53.9	59.1	59.9	64.3	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000	46.5	53.9	53.1	59.9	64.3	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	47.0	54.4	52.5	60.3	64.8	65.5	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	47.8	55.7	60.5	62.6	67.7	67.9	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 8000	48.3	56.9	61.3	63.7	68.2	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	49.2	57.4	62.7	64.6	69.5	70.6	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	51.7	59.9	65.7	67.9	73.1	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	51.1	60.3	66.3	68.4	73.6	74.7	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2500	52.1	61.5	67.5	70.0	75.3	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000	52.0	61.8	67.8	70.3	75.6	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	53.3	63.2	69.1	71.6	77.1	78.5	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1000	54.4	64.6	72.1	74.6	81.1	82.5	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 800	55.3	66.9	74.7	77.4	84.8	86.3	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 600	57.1	68.2	76.7	79.3	87.4	89.0	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 400	57.1	68.5	77.4	80.1	88.4	90.0	91.4	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 300	57.2	68.6	77.7	80.4	88.9	90.6	92.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 200	57.4	68.9	78.1	80.8	89.6	91.4	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100	57.4	68.9	78.3	81.3	90.5	92.4	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 0	57.4	68.9	78.3	81.4	90.6	92.7	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

4-244
STATION

STATION NAME

55-70,73-79

YEARS

MONTH

1979-1979
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
≥ 10000	51.7	56.8	58.2	58.5	60.2	60.3	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	53.7	58.2	62.7	62.2	65.5	65.2	65.3	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	53.7	61.2	63.5	64.2	66.5	67.3	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 4000	54.2	61.7	64.1	64.5	67.7	67.8	68.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 2000	54.5	62.0	64.3	65.1	67.5	68.7	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 1000	56.7	64.3	68.3	69.0	71.5	72.8	73.3	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 800	56.3	65.2	69.7	69.3	71.8	73.3	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 600	59.3	68.2	71.7	72.3	74.8	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 400	61.0	70.2	73.9	74.7	77.2	78.7	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 200	61.1	70.5	74.3	75.2	77.7	79.2	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 100	61.5	71.1	74.3	75.7	78.7	80.2	80.3	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 80	61.8	71.3	75.2	76.0	79.0	80.5	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 60	63.5	73.2	77.5	78.3	81.5	83.0	83.3	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 40	65.9	75.3	80.7	80.8	84.7	86.3	86.7	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 20	66.8	77.0	83.1	84.0	88.7	90.5	90.8	91.2	91.3	91.7	91.5	91.8	91.8	91.8	91.8	91.8
≥ 10	67.7	78.3	84.3	85.5	91.3	92.2	92.5	93.0	93.2	93.5	93.7	93.8	93.8	93.8	93.8	93.8
≥ 8	67.8	78.7	85.3	86.5	91.8	93.7	94.0	94.5	94.7	95.0	95.2	95.2	95.3	95.3	95.3	95.3
≥ 6	67.8	78.8	85.5	86.7	92.0	93.8	94.2	94.7	94.8	95.2	95.3	95.5	95.5	95.5	95.5	95.5
≥ 4	68.1	79.2	86.2	87.3	92.0	95.0	95.7	96.2	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0
≥ 2	68.1	79.2	86.3	87.7	93.7	95.7	96.3	96.8	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7
≥ 1	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.7	97.8	98.2	98.3	98.5	98.5	98.5	98.5	98.5
≥ 0.8	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
≥ 0.6	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
≥ 0.4	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
≥ 0.2	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
≥ 0.1	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7
≥ 0.0	68.1	79.2	86.3	87.7	94.5	96.5	97.2	97.8	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4-244
STATION

STATION NAME

55-70, 73-70

WEATHER STATION
10-1-1965

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

ELEVATION FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO. FEET	40.3	46.4	57.4	61.4	57.5	55.2	49.7	59.4	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9
≥ 2000	42.3	49.7	53.4	54.6	61.4	52.3	53.1	53.6	53.7	53.9	53.9	54.0	54.1	54.1	54.1	54.2
≥ 1800	42.4	49.1	53.7	55.0	61.1	53.0	53.9	54.4	54.4	54.6	54.7	54.7	54.8	54.9	54.9	55.0
≥ 1600	42.4	49.2	52.9	55.3	62.1	53.0	53.9	54.4	54.5	54.7	54.7	54.8	54.9	54.9	55.0	55.1
≥ 1400	42.7	49.3	54.1	55.3	62.4	53.4	54.2	54.7	54.8	55.0	55.0	55.1	55.2	55.3	55.3	55.4
≥ 1200	43.0	49.9	54.3	55.8	62.9	53.9	54.7	55.2	55.3	55.5	55.5	55.6	55.7	55.8	55.8	55.9
≥ 1000	44.2	51.6	56.3	58.1	63.4	55.5	57.4	57.9	58.0	58.2	58.7	58.8	58.9	59.0	59.0	59.1
≥ 800	44.7	52.2	57.3	58.7	63.7	56.0	57.2	58.1	58.6	58.9	59.0	59.7	59.7	59.8	59.8	59.9
≥ 600	45.3	53.9	59.3	60.7	63.4	57.6	58.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 400	47.3	55.9	61.2	62.8	71.0	72.3	73.3	73.9	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3
≥ 200	47.6	55.3	61.4	63.0	71.3	72.6	73.7	74.3	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7
≥ 100	48.1	56.5	62.2	63.9	72.5	73.8	74.8	75.4	75.5	75.8	75.9	76.0	76.1	76.2	76.2	76.2
≥ 50	49.3	58.7	62.8	64.3	72.9	74.2	75.2	75.8	76.1	76.2	76.3	76.4	76.5	76.5	76.5	76.7
≥ 25	49.9	59.2	64.2	65.9	74.9	76.2	77.3	78.0	78.1	78.4	78.5	78.5	78.7	78.8	78.8	78.9
≥ 10	50.6	59.4	66.2	67.9	77.9	79.3	80.5	81.1	81.3	81.7	81.8	81.8	82.0	82.0	82.0	82.1
≥ 5	52.3	61.3	69.4	71.4	82.9	84.4	85.7	86.5	86.6	87.1	87.3	87.3	87.3	87.7	87.7	87.7
≥ 2	53.3	62.5	71.5	72.7	84.7	86.5	88.3	89.2	89.5	90.1	90.7	90.4	90.7	90.5	90.8	90.8
≥ 1	53.5	63.1	71.5	73.7	86.3	88.1	90.3	91.3	91.7	92.3	92.5	92.5	92.7	92.1	93.2	93.4
≥ 1/2	53.5	63.2	71.5	73.8	86.3	88.2	90.4	91.4	91.8	92.5	92.7	92.8	93.0	93.4	93.4	93.8
≥ 1/4	53.6	63.4	72.2	74.2	86.9	88.9	91.2	92.3	92.7	93.6	93.9	94.0	94.4	94.6	94.5	94.8
≥ 1/8	53.6	63.4	72.1	74.4	87.3	89.3	91.6	92.8	93.2	94.1	94.4	94.6	95.1	95.2	95.3	95.4
≥ 1/16	53.6	63.5	72.2	74.5	87.8	89.8	92.3	93.7	94.1	95.0	95.4	95.5	95.7	96.3	96.3	96.5
≥ 1/32	53.6	63.5	72.2	74.6	87.9	90.2	92.6	94.1	94.5	95.4	95.9	96.1	96.7	96.9	96.9	97.0
≥ 1/64	53.6	63.5	72.2	74.7	88.2	90.5	93.0	94.5	94.9	95.9	96.4	96.6	97.2	97.4	97.4	97.5
≥ 1/128	53.6	63.5	72.2	74.7	88.2	90.5	93.0	94.6	95.0	96.0	96.5	96.7	97.4	97.5	97.7	97.9
≥ 1/256	53.6	63.5	72.2	74.7	88.2	90.5	93.0	94.7	95.1	96.1	96.6	96.8	97.7	97.9	98.1	98.3
≥ 1/512	53.6	63.5	72.2	74.7	88.2	90.5	93.0	94.8	95.2	96.3	96.7	96.9	97.9	98.2	98.4	98.6
≥ 1/1024	53.6	63.5	72.2	74.7	88.2	90.5	93.0	94.8	95.2	96.3	96.8	97.0	98.1	98.3	98.7	99.0
≥ 1/2048	53.6	63.5	72.2	74.7	88.2	90.5	93.1	94.9	95.2	96.3	96.8	97.1	98.2	98.6	99.0	99.4
≥ 1/4096	53.6	63.5	72.2	74.7	88.2	90.5	93.1	94.9	95.2	96.3	96.8	97.1	98.2	98.6	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS

2775

USAF ETAC

FORM
JUL 64

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

41144
STATION

STANTON AFB MD

1971

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64
≥ 20000	34.7	43.1	46.1	46.8	50.1	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	35.3	43.4	46.3	47.8	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	35.9	44.2	47.7	48.8	51.5	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	36.8	44.1	47.8	48.6	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	37.3	44.4	48.1	48.8	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 10000	37.3	44.4	48.1	48.8	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 9000	41.3	52.9	57.1	58.1	62.5	63.1	63.9	64.3	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	42.3	53.5	57.7	58.7	63.3	64.3	64.6	65.2	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	44.4	56.3	61.1	62.1	67.1	67.6	68.6	69.2	69.3	69.5	69.7	69.7	69.8	69.8	69.8	69.8
≥ 6000	45.5	56.3	62.3	63.9	69.2	70.3	70.8	71.5	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0
≥ 5000	45.7	58.2	63.1	64.3	69.6	70.4	71.3	71.9	72.0	72.2	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	46.1	58.8	63.5	64.9	70.4	71.2	72.1	72.7	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	46.3	59.1	64.1	65.2	70.8	71.8	72.4	73.1	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	47.3	61.4	65.5	66.8	72.6	73.4	74.3	74.9	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3000	47.3	61.4	65.5	66.8	72.6	73.4	74.3	74.9	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	51.4	67.3	73.4	75.1	82.7	83.7	84.9	85.8	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	52.3	69.3	75.1	76.7	85.0	86.2	87.6	88.5	88.8	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	52.9	68.3	75.3	77.1	85.4	86.6	88.1	89.1	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1600	53.3	69.3	76.3	78.1	87.2	88.3	89.9	91.2	91.2	91.2	91.7	91.9	92.0	92.2	92.3	92.4
≥ 1400	53.6	69.7	77.1	78.8	88.1	89.3	91.2	92.3	92.6	93.1	93.4	93.5	93.7	93.8	93.9	93.9
≥ 1200	53.7	69.8	77.3	79.1	88.9	90.4	92.3	93.6	93.9	94.5	94.7	94.8	95.1	95.2	95.2	95.3
≥ 1000	53.8	70.3	77.4	79.2	89.1	90.7	92.8	93.9	94.2	94.8	95.1	95.2	95.5	95.5	95.6	95.7
≥ 900	53.8	70.1	77.3	79.3	89.5	91.2	93.1	94.6	94.9	95.5	95.9	96.0	96.3	96.4	96.4	96.5
≥ 800	53.4	71.1	77.3	79.6	89.3	91.5	93.6	95.2	95.5	96.2	96.6	96.7	97.1	97.1	97.2	97.3
≥ 700	53.3	71.2	77.7	79.7	90.3	91.8	93.9	95.6	96.3	96.7	97.2	97.3	97.7	97.8	97.9	97.9
≥ 600	53.3	71.2	77.3	79.8	90.2	92.3	94.2	96.0	96.4	97.2	97.8	97.9	98.4	98.5	98.7	98.7
≥ 500	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.1	98.3	98.9	99.3	99.1	99.0
≥ 400	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.2	98.4	99.1	99.3	99.5	99.5
≥ 300	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.2	98.4	99.1	99.3	99.5	99.5
≥ 200	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.2	98.4	99.1	99.3	99.5	99.5
≥ 100	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.2	98.4	99.1	99.3	99.5	99.5
≥ 50	53.3	71.3	77.3	79.8	90.2	92.3	94.3	96.1	96.6	97.5	98.2	98.4	99.1	99.3	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 32543

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

SKY COVER

67, 73, 75-52

JA 1

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF DAYS	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	00-02													
	03-05				.									
	06-08	40.0			5.0			5.0			10.0	40.0	5.4	2
	09-11	37.5	12.5		5.3			3.1		3.1		37.5	4.5	32
	12-14	35.0	5.0		20.0	5.0	5.0	12.0			5.0	15.0	7.7	20
	15-17	36.4	4.5			9.1				4.5	9.1	36.4	5.2	22
	18-20													
	21-23													
TOTALS		37.2	5.5		7.8	3.5	1.3	4.5		1.9	5.7	32.2	4.7	94

SKY COVER

73-77, 79-84

F E 5

MONTH	HOURS ESTD	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN TENTHS OF SKY COVER	TOTAL NO. OF DAYS		
		0	1	2	3	4	5	6	7	8			9	10
FEB	12-22													
	03-05													
	16-28	57.1	2.9					6.5		2.2	11.4	17.1	3.5	75
	09-11	35.2	5.2		3.3	1.7	3.3	3.3		6.7	9.3	22.2	5.2	5
	12-14	36.6	7.9				2.6			7.9	12.5	34.2	6.2	38
	15-17	21.4	7.1			3.6		7.1		7.1	3.6	20.2	5.5	28
	18-20													
	21-23													
TOTALS		37.6	5.7		.8	1.3	1.5	4.8		6.2	8.5	33.7	5.1	160

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SKY COVER

MAR 1964

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF CLDS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02													
	03-05													
	06-08	22.5	5.0		5.0	7.5	2.5	5.0		5.0	5.0	42.5	6.0	40
	09-11	23.4	4.3			6.4	4.3	6.4		10.6	2.1	42.6	5.2	47
	12-14	29.4	5.9			11.8	2.9	2.9		8.8	17.6	20.6	5.2	34
	15-17	4.9	2.4		12.2	4.9	4.9	9.8		2.4	9.8	43.3	7.4	41
	18-20													
	21-23													
TOTALS		20.1	4.4		4.3	7.7	3.7	6.0		6.7	8.6	38.5	5.2	162

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SKY COVER

73-79

ADR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	19-22													
	23-25													
	26-28	13.3	10.0		3.3			10.2		3.3	13.3	45.7	6.9	37
	29-31	10.2	4.1		6.1	6.1	8.2	8.2		10.2	10.2	35.7	6.8	49
	12-14	6.8			4.5	9.1	6.8	9.1		6.8	27.3	29.5	7.3	44
	15-17	15.6	15.6			12.5		6.3			9.4	40.6	5.9	32
	18-20													
	21-23													
TOTALS		11.5	7.4		3.5	6.9	3.8	8.4		5.1	15.1	38.4	6.7	155

SKY COVER

MAY

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02													
	03-05													
	06-08	4.2			4.2	12.5	4.2	9.3		4.2	9.3	54.2	7.8	24
	09-11	12.5	7.5		5.0	2.5	5.0	7.5		22.5	2.5	35.3	5.6	40
	12-14	7.5	7.5		2.5	5.0	2.5	5.0		7.5	2.5	60.2	7.6	40
	15-17	12.8	2.7		2.7	2.7	17.8	2.7		13.5	13.5	40.5	7.3	37
	18-20													
	21-23													
TOTALS		8.8	4.4		3.6	5.7	5.6	5.9		11.9	6.7	47.4	7.3	141

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SKY COVER

73-79

 JUN
MON

MONTH	HOURS LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JULY	01-02													
	03-05													
	06-08	6.5	6.5		3.2	3.2	3.2	6.5		19.4	19.4	32.3	7.4	31
	09-11	6.7	8.9		6.7	2.2	4.4	6.7		24.4	6.7	33.3	6.9	45
	12-14		4.1			10.2	12.2	6.1		14.3	18.4	34.7	7.7	49
	15-17	4.8	9.5		4.8	7.1	9.5	2.4		9.5	7.1	45.2	7.1	42
	18-20													
	21-23													
TOTALS		4.5	7.3		3.7	5.7	7.3	5.4		16.9	12.9	36.4	7.3	167

SKY COVER

73-79

JUL
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02													
	03-05													
	06-08				3.6					1.4	25.6	46.4	2.3	25
	09-11		2.6		5.1		10.3	2.6		2.6	12.8	64.1	3.6	39
	12-14				4.2	8.3	20.8	4.2		8.3	12.5	41.7	7.7	24
	15-17				5.6	8.3	13.9	8.3		11.1	11.1	41.7	7.8	36
	18-20													
	21-23													
TOTALS			.7		4.6	4.2	11.3	3.8		10.9	16.3	48.5	3.3	127

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JUL 64

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1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

43244 STANTON AAF K2 STATION NAME

73-79

AUG
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	10-22													
	23-25													
	26-28	8.0			4.0		8.0	12.0		4.0	4.0	60.0	7.9	25
	29-11	9.5				4.8		14.3		19.0	9.5	42.9	7.7	21
	12-14		7.4			7.4	7.4	14.8		14.8	11.1	37.0	7.5	27
	15-17	6.7	6.7			3.3	6.7	3.3		3.3	6.7	63.3	7.9	30
	18-20													
	21-23													
TOTALS		6.1	3.5		1.0	3.9	5.5	11.1		10.3	7.8	50.3	7.8	103

SKY COVER

PERIOD

SEP
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02													
	03-05													
	06-08	12.2	7.3			4.9		19.5		12.2	19.5	24.4	6.6	41
	09-11	9.1	12.1			6.1	3.0	15.2		12.1	21.2	21.2	6.4	33
	12-14		23.3			10.0	6.7	10.0		10.0	15.7	23.3	6.2	30
	15-17	2.4	4.8		4.8	9.5	19.0	14.3		4.8	9.5	31.0	6.7	42
	18-20													
	21-23													
TOTALS		5.9	11.9		1.2	7.6	7.2	14.8		9.3	16.7	25.7	6.5	146

SKY COVER

43244
STATION

STANTON AAF KO

73-78

100

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	03-02													
	03-05													
	06-08	7.7						7.7		7.7	15.4	61.5	9.6	13
	09-11	30.0	5.0		10.0	5.0	5.0	10.0		25.0	5.0	5.0	4.4	20
	12-14	11.1			11.1		16.7	5.6		11.1	5.6	38.9	6.8	18
	15-17	27.3	4.5					9.1		27.3	13.6	18.2	5.8	22
	18-20													
	21-23													
TOTALS		19.5	2.4		5.3	1.3	5.4	8.1		17.8	9.9	32.9	6.4	73

SKY COVER

NOV

MONTH	HOURS (IST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02													
	03-05													
	06-08	43.8	5.3					5.3		6.3	5.3	31.3	4.6	16
	09-11	41.2	11.8							11.8	11.8	23.5	4.5	17
	12-14	25.7	25.7							12.5	25.7	12.5	4.8	8
	15-17	1.1	1.5				17.5			21.1		36.8	5.9	19
	18-20													
21-23														
TOTALS		32.8	13.4				2.5	1.6		12.9	17.8	26.2	5.0	50

SKY COVER

74-79

DEC
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
DEC	00-02														
	03-05														
	06-08	43.8			5.3	6.3	12.5	6.3				25.0	2.9	16	
	09-11	58.3	9.3			8.3						25.0	2.9	12	
	12-14	62.5					12.5	12.5				12.5	2.6	8	
	15-17	56.3	6.3		6.3						12.5	18.8	3.3	16	
	18-20														
	21-23														
TOTALS		25.2	3.7		3.2	3.7	6.3	4.7				3.1	29.3	3.2	52

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

43244 STANTON AAF KS

69.73-55

ALL

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	37.2	5.5		7.8	3.5	1.7	4.5		1.2	6.0	32.2	4.7	94
FEB		37.6	5.7		.8	1.3	1.5	4.8		6.2	6.5	33.7	5.1	161
MAR		23.1	4.4		4.3	7.7	3.7	6.2		6.7	4.6	38.6	5.2	162
APR		11.5	7.4		3.5	6.9	3.9	8.4		5.1	15.1	38.4	5.7	155
MAY		4.8	4.4		3.6	5.7	5.6	5.9		11.2	5.7	47.4	7.3	141
JUN		4.5	7.7		3.7	5.7	7.7	5.4		16.2	12.9	36.4	7.3	167
JUL			.7		4.6	4.2	11.3	3.8		10.9	16.3	48.5	6.3	127
AUG		5.1	3.5		1.0	3.9	5.5	11.1		10.3	7.8	50.8	7.8	123
SEP		5.9	11.9		1.2	7.5	7.2	14.8		9.8	16.7	25.2	6.5	145
OCT		19.2	2.4		5.3	1.3	5.4	8.1		17.8	9.9	32.9	6.4	73
NOV		32.8	13.4			2.6		1.6		12.9	10.8	26.2	5.2	62
DEC		35.2	3.7		3.2	3.7	6.3	4.7			3.1	20.3	3.2	52
TOTALS		17.9	5.9		3.3	4.5	4.9	6.5		9.2	10.2	35.7	6.2	1441

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1.0^\circ$ from directly converted values but excludes no Fahrenheit values.

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

1. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.
This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

□
■■■■

DAILY TEMPERATURES

Vision

Sal. Orl. N. 886

• FAPC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
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60													
61													
62													
63													

USAF ETAC 02150L 1 PREVIOUS EDITIONS OF THIS REPORT ARE OBSOLETE

DAILY TEMPERATURES

STATION

STATION NAME

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
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84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN													
S D													
TOTAL OBS													

DAILY TEMPERATURES

STATION NAME: STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100							1.1	1.5					1.1
95							57.7	58.8					57.7
90						17.1	77.7	78.1	12.4				77.7
85					1.1	67.3	95.3	98.8	41.3	2.1			95.3
80					1.1	92.4	99.3	99.8	71.3	13.4			92.4
75				1.1	1.1	1.1	99.3	1.1	9.1	38.3	1.1		99.3
70			1.1	7.1	1.1	1.1	100.0		1.1	8.1	1.1		1.1
65		1.1	7.1	7.1	1.1				1.1	1.1	1.1	1.1	1.1
60	1.1	1.1	6.4	1.1	1.1					1.1	1.1	1.1	1.1
55	7.1	11.3	7.1							1.1	1.1	7.1	1.1
50	17.3	1.1	15.3	1.1						1.1	1.1	1.1	1.1
45	3.7	4.7	58.1								1.1	1.1	1.1
40	4.3	2.6	97.1	1.1							1.1	1.1	1.1
35	24.1	1.4	98.7								1.1	1.1	1.1
30	1.1	1.1	1.1									1.1	1.1
25	1.1	1.1										1.1	1.1
20												1.1	1.1
15												1.1	1.1
10												1.1	1.1
5												1.1	1.1
0												1.1	1.1
MEAN			9.1	1.1	1.1	7.1	77.7	11.1	1.1	1.1	1.1	1.1	1.1
S D	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
TOTAL OBS													7

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

41244 STATION AAF 80

53-80

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS		
50					*	86*	87*	95*	95	*	88				
54															
55															
56															
57															
58															
59															
60															
61															
62															
63															
64															
65															
66															
67															
68															
69															
70															
71	*	50*	55*	64*	73*	78*	91*	89*	95*	86*	73*	69*	51	*	95
72	*	55*	46*	62*	76*	82*	87*	98*	87*	84*	78*	69*	51	*	98
73	*	53*	57*	69*	80*	80*	89*	96*	98*	84*	78				
74	*		44*	60*	69*	84*	84*	89*	93*	84*	73*	66*	48		
75	*	44*	51*	57*	84*	87*	93*	95*	96*	89*	77*	69*	57	*	96
76	*	42*	51*	60*	75*	91*	93*	93*	91*	87*	75*	66*	55	*	93
77	*	39*	55*	68*	75*	82*	95*	93*	91*	86*	82*	66*	55	*	95
78	*	44*	51*	64*	75*	87*	87*	98*	96*	86*	80*	66*	57	*	98
79	*	55*	54*	62*	75*	84*	84*	93*	93*	86*	81*	73*	55	*	93
80	*	45*	52												
MEAN															
S.D.															
TOTAL OBS	224	230	235	228	261	251	253	241	218	250	197	200	2788		

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OL A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

4244
STATION

STANTON AAF MO
STATION NAME

53-00

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS	
53					*	38*	48*	61*	70	*	34			
54														
55														
56														
57														
58														
59														
60														
61														
62														
63														
64														
65														
66														
67														
68														
69														
70														
71	*	-13*	1*	12*	28*	42*	53*	64*	62*	42*	30*	15*	10	* -13
72	*	12*	15*	14*	24*	37*	55*	62*	57*	42*	28*	5*	10	* 5
73	*	10*	8*	19*	26*	46*	55*	68*	71*	37*	26			
74	*	1*	1*	14*	33*	37*	51*	62*	57*	42*	28*	14*	5	
75	*	5*	8*	15*	30*	42*	59*	62*	62*	53*	37*	17*	1	* 1
76	*	-2*	17*	21*	26*	37*	51*	57*	62*	44*	30*	17*	-2	* -2
77	*	-5*	-2*	10*	33*	39*	53*	64*	60*	39*	33*	17*	10	* -5
78	*	0*	1*	12*	28*	39*	48*	64*	64*	48*	30*	15*	8	* 0
79	*	5*	-4*	19*	28*	41*	53*	60*	51*	43*	36*	10*	-9	* -9
80	*	5*	-2											
MEAN														
S.D.														
TOTAL OBS	224	230	235	228	261	251	253	241	218	250	197	200	2788	

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

44244 STANTON AAF MD
STATION STATION NAME

69-73, 73-87

YEARS

JAN
MONTH

PAGE 1

73-87
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point				
40/40		.1	.1															2	2					
44/42		.3	.3	.4														7	7	1	1			
42/41		.1																1	1	3				
40/39		.3																3	3	3				
34/37	.7	.7	.3															12	12	12	7			
32/35	.1	1.7	1.0															20	20	3	11			
34/33	1.4	1.1	.1															22	22	34	17			
32/31	1.0	1.5																18	18	34	15			
28/34	.1	2.8	.1															22	22	14	22			
26/27	2.4	2.6	.1															17	17	23	32			
28/28	3.2	3.3	.6															44	44	28	16			
24/23	2.2	4.5	.4															31	31	34	34			
22/21	2.5	2.9	.3															41	41	47	32			
20/19	2.5	2.9	.4															40	40	41	41			
18/17	3.0	3.3	.1															39	39	37	39			
16/15	1.7	4.2	.3															42	42	43	35			
14/13	.7	2.2																21	21	41	21			
12/11	2.3	4.2	.3															32	32	47	27			
10/9	4.5	2.4																49	49	50	34			
8/7	1.1	3.2																31	31	33	27			
6/5	4.0	4.2																55	55	54	39			
4/3	3.3	1.3																31	31	26	32			
2/1	2.4	.1																18	18	23	23			
0/-1	2.4																	21	21	22	48			
-2/-2	1.3																	9	9	9	13			
-4/-4	.7																	5	5	5	21			
-6/-7	.3																	2	2	3	8			
-8/-9	.4																	3	3	3	11			
-10/-11	.1																	1	1	1	5			
-12/-13																					6			
-14/-15																					4			
-16/-17																					1			
TOTAL	44.5	50.2	4.7	.4														717	717	717	717			
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	49833.4		59180		82.5		11.740		717		5.0 F		32 F		67 F		73 F		80 F		93 F		Total	
Dry Bulb	296335		12221		17.0		11.288		717		5.3		83.7										93	
Wet Bulb	272255		11559		16.3		10.745		717		5.4		84.7										93	
Dew Point	214744		8942		12.5		12.007		717		17.1		88.1										93	

USAFETAC FORM 0-26-5 (OLA) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

4244	STANTON AAF KO
STATION	STATION NAME

69-77, 73-80

YEARS

44
MONTH

PAGE 7

7910-113
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43244 STATION: AAF AC 59-70,73-80 YEARS JAN MONTH
STATION NAME 1800-1400 HOURS (L. S. T.)
PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
51 / 45					.1													1	1						
47 / 37					.3													2	2						
43 / 31					.1	.1												3	2						
39 / 27				.5														4	4						
35 / 23			.4	.3		.1												5	5	3					
31 / 19		.1	.3	.2	1.1	.3												19	19	3	1				
27 / 15			.5	2.0	.1	.1												23	23	8					
23 / 11		.3	1.3	2.6	.9													25	25	3	1				
19 / 7		1.8	3.8	1.1	.7													29	29	16	8				
15 / 3	.3	.9	2.4	2.7	.1	.1												46	46	49	4				
11 / -1	.9	1.0	3.0	1.5	.7													50	50	53	23				
7 / -5	.5	2.3	2.8	1.3	.5	.1												58	58	45	2				
3 / -9	.4	1.1	2.7	1.7	.7													47	47	53	23				
-1 / -13	.3	2.1	2.4	2.6	.6	.1												57	57	50	44				
-5 / -17	.4	3.0	3.7	2.1	.3													67	67	47	87				
-9 / -21		1.8	3.0	2.3														50	50	70	44				
-13 / -25		1.1	4.0	1.4														45	45	51	52				
-17 / -29	.1	.4	3.4	1.0														35	35	46	41				
-21 / -33		.6	3.3	.4														30	30	43	34				
-25 / -37			3.5	.3														27	27	35	26				
-29 / -41		.7	1.5															15	15	34	31				
-33 / -45		.6	1.1															12	12	29	21				
-37 / -49		.9	.6															10	10	24	14				
-41 / -53		1.3	.3															9	9	13	6				
-45 / -57		.3																2	2	9	2				
-49 / -61																				0	44				
-53 / -65		.1																1	1		20				
-57 / -69																				1	27				
-61 / -73																						34			
-65 / -77																						31			
-69 / -81																						16			
-73 / -85																						7			
-77 / -89																						2			
-81 / -93																									
Element (X)	Σ X'		Σ X		X̄		C _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

4 244

STATION SAF NO

STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

— 457 —

100-1400

12 5-14
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. 244 STATION AF 40 STATION NAME 69-73, 73-87 YEARS JAN MONTH 15 HOURS (L. S. T.) 17

[illegible]

PSYCHROMETRIC SUMMARY

<u>41244</u>	<u>STANTON AAF KS</u>
STATION	STATION NAME

67-77, 73-83

YEARS

182

MONTH

100

1970-1971
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

62-77, 73-51

YEARS

25.
MONTH

2451

ALL

HOURS (L, S, T.)

[illegible]

AD-A100 251

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/8 4/2
STANTON AAF, TONGG0 RI, KOREA. REVISED UNIFORM SUMMARY OF SURFA--ETC
MAR 81

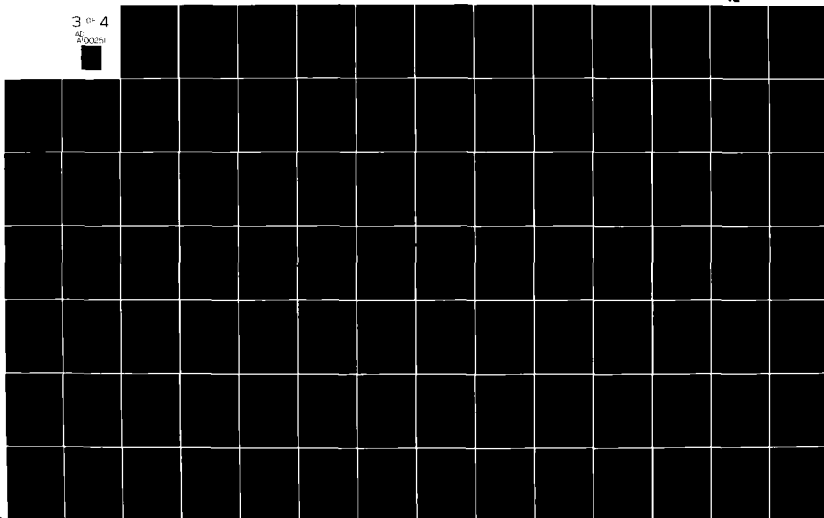
UNCLASSIFIED USAFETAC/DS-81/046

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PSYCHROMETRIC SUMMARY

4244	STATION GAF K.
STATION	STATION NAME

69-72, 73-82

YEARS

44.

Page 2

A. 1.

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1 / -1																						
1 / -1																						
1 / -1																						
1 / -1																						
1 / -1																						
1 / -1																						
1 / -1																						
TOTAL	17.1	37.1	27.0	14.5	5.5	.6	.1											2834	2834	2834	2834	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

FORM 1041-10

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

47244 STANTON AAF KS
STATION STATION NAME

69-77, 73-87
YEARS

YEARS

FEB
MONTH

PAGE 1 73-78-79
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point
40/40			.5														4	4		
40/40			.5														1	1	2	
42/41	.4	.5	.3														9	9	10	
42/40		.5	.4														7	7	4	
40/37	.4	1.3	.1														13	13	10	
40/36	1.5	3.1	.6														25	25	27	21
40/33	2.7	3.3	.7														42	42	36	29
40/31	.4	2.7	.3														23	23	36	21
40/29	1.3	3.1	.5	.3													25	35	39	32
40/27	3.1	3.1	.4														45	45	32	29
40/25	1.5	4.5															41	41	42	33
40/23	2.1	4.3	.9														75	75	52	26
40/21	2.1	3.7															34	34	45	47
40/19	1.3	3.3															29	29	35	40
40/17	1.3	3.3	.3														27	37	34	44
40/16	3.3	1.5	.1														27	27	43	33
40/13	1.5	2.1	.1														25	25	29	36
40/11	1.5	1.5	.2														25	25	22	34
40/9	1.5	3.6	.1														38	38	30	30
40/7	.7	2.4															21	21	20	21
40/5	2.3	.6															23	23	27	24
40/3	1.2	1.5															18	18	12	17
40/1	2.7	1.2															26	26	16	29
40/-1	2.1																14	14	22	36
40/-3	.5																6	6	6	9
40/-5																				14
40/-7																				10
40/-9	.3																2	2	2	6
40/-11	.1																1	1	1	7
40/-13																				4
40/-15	.3																2	7	2	7
40/-17	.1																1	1	1	1
40/-19																				1
40/-21																				
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Ref. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F	
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

PSYCHROMETRIC SUMMARY

4244	STANTON AAF MO
STATION	STATION NAME

69-72, 73-80

YEARS

F E 2

MONTH

PAGE 2

0524-08
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41244 STANTON AAF MO 69-10,73-80
STATION STATION NAME YEARS MONTH
PAGE 1 09-10-11
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
50 / 49			.1	.3														7	3		
49 / 47			.3	.3														4	4	1	
48 / 45		.6	.7	.4														9	9	2	
47 / 43	.2	.3	.3	.3	.1													13	13	11	
46 / 41	.3	.7	1.4	.3	.1	.1												11	21	8	
45 / 39		2.1	1.3	.7	.3													19	29	19	2
44 / 37	.6	1.7	1.4	.4														29	29	29	13
43 / 35	1.4	4.0	1.9	.2	.2													61	61	38	39
42 / 33	1.1	2.9	2.2	.3	.6													61	61	57	37
41 / 31	1.0	2.8	1.9	1.1	.1													60	60	56	34
40 / 29	.6	3.9	2.6	.7	.3													58	59	48	36
39 / 27	1.4	4.6	2.8	1.1														71	71	51	34
38 / 25	.6	2.9	2.4	.3														44	44	73	41
37 / 23	.6	2.2	2.1	.3														37	37	47	39
36 / 21	.7	2.6	1.7	.4														39	39	40	43
35 / 19	1.0	3.2	2.1															40	45	47	38
34 / 17	1.1	1.7	1.4															30	30	39	40
33 / 15	.6	1.8	1.2															26	26	37	33
32 / 13	.1	1.9	.7															20	20	23	40
31 / 11	.4	2.2	.6															23	23	28	30
30 / 9		2.9	.3															23	23	24	20
29 / 7	.4	1.2																12	12	25	23
28 / 5	.7	.4																3	4	11	34
27 / 3	.4	.3																5	5	7	27
26 / 1	.5	.1																5	5	4	27
25 / -1	.1																	1	1	2	25
24 / -3	.4																	3	7	3	20
23 / -5																					10
22 / -7																					7
21 / -9																					7
-10 / -11	.1																	1	1	1	
-12 / -13																					4
-14 / -15																					1
-20 / -21																					1
Element (X)	Σ X ²		Σ X		X	°X	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

4-244 STANTON AAF KS
STATION STATION NAME

69-72, 73-80

YEARS

FEB
MONTH

PAGE 7

2700-11-0
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATC WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

4744 STANTON JAF KS 69-70, 73-80 FEB
STATION MONTH
PAGE 1 12-1-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
51 / 51																		1	1				
50 / 49																		1	1				
50 / 45																		4	4				
49 / 50																		4	4	2			
48 / 51																		12	12				
47 / 49																		11	11	1			
47 / 47																		10	10	7	1		
46 / 46																		34	34	5			
44 / 43																		29	29	18	1		
42 / 41																		50	50	21	17		
41 / 39																		64	64	25	1		
39 / 37																		58	58	49	24		
38 / 35																		63	63	53	27		
38 / 33																		43	43	50	31		
38 / 31																		26	26	73	50		
37 / 29																		44	44	45	36		
37 / 27																		32	32	50	30		
36 / 25																		28	28	48	30		
34 / 23																		25	25	24	57		
32 / 21																		23	23	40	57		
31 / 19																		25	25	23	27		
31 / 17																		14	14	27	31		
31 / 15																		15	15	25	30		
30 / 13																		6	6	21	20		
31 / 11																		3	3	11	37		
30 / 9																		3	3	1	40		
29 / 7																				2	10		
27 / 5																					27		
24 / 3																					10		
23 / 1																					34		
21 / -1																					2		
19 / -3																					1		
17 / -5																					1		
15 / -7																					1		
Element (X)	Σ X ²		Σ X		X̄		σ _n		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

PSYCHROMETRIC SUMMARY

4244	STATION AAF KC
STATION	STATION NAME

67-71, 73-80

YEARS

554

MONTH

PAGE 2 1270-1400
HOURS (L. S. T.)

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

41244	STANTON AAF 40
STATION	STATION NAME

59-70, 73-87

YEARS

FEB
MONTH

2425 1

15-17-
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4 244
STATION

STANTON, AAF 40 STATION NAME

67-7ⁿ, 73-8ⁿ

YEARS

FFA
MONTH

2457

1573-175
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4244 STANTON AFB MO STATION NAME 62-70, 73-87 YEARS FEB MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				Dry Bulb	Wet Bulb	Dew Point			
47 / 47						.1														2	2					
47 / 46					.1															1	1					
47 / 45				.1																1	1					
47 / 44				.1	.1	.1	.1													2	2					
47 / 43				.1	.1	.1	.1	.1												9	9					
47 / 42				.1	.1	.1	.1	.1	.1											10	10					
47 / 41			.1	.1	.1	.1	.1	.1	.1											25	25					
47 / 40			.1	.1	.1	.1	.1	.1	.1											31	31					
47 / 39			.1	.1	.1	.1	.1	.1	.1											34	34	17	1			
47 / 38		.2	.2	.2	.2	.2	.2	.2	.2											39	39	18	2			
47 / 37	.1	.4	.6	1.1	.7	.2	.1													43	43	53	17			
47 / 36	.2	1.2	1.5	1.5	1.1	.3														149	149	65	21			
47 / 35	.2	1.4	1.6	1.3	1.1	.3														151	151	173	27			
47 / 34	.5	1.4	1.1	1.6	.9	.2														145	149	138	33			
47 / 33	.8	2.6	1.9	1.1	.9	.1														197	197	178	15			
47 / 32	1.1	2.3	1.5	1.3	.3															178	178	149	124			
47 / 31	.4	2.1	.9	1.3	.3															171	171	214	15			
47 / 30	.8	2.2	1.7	1.7	.5															179	179	135	143			
47 / 29	1.7	3.1	1.6	1.7	.3															207	207	176	134			
47 / 28	.6	2.4	1.5	.7	.1															135	135	129	129			
47 / 27	.7	3.1	1.5	.5																140	140	177	137			
47 / 26	.7	1.9	1.7	.6																125	125	143	143			
47 / 25	.7	2.3	1.4																	107	107	125	134			
47 / 24	.8	1.4	1.3																	90	90	128	136			
47 / 23	1.1	1.5	.3																	89	89	123	131			
47 / 22	.4	1.2	.3																	51	51	85	131			
47 / 21	.4	1.1	.2																	47	47	64	123			
47 / 20	.5	1.2	.1																	54	64	55	140			
47 / 19	.3	.9																		33	33	53	79			
47 / 18	.9	.3																		31	31	38	127			
47 / 17	.4	.5																		23	23	19	77			
47 / 16	.5	.2																		21	31	32	67			
47 / 15	.5																			15	15	24	139			
47 / 14	.2																			9	9	9	46			
Element (X)	Σ X'				Σ X				X				e _x				No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Dry Bulb																									Total	
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

STATION 44 STATION NAME 54-7, 73-5 YEARS MONTH HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-4/-7																					4		
-3/-6																					14		
-2/-5	.1																		2	2	14		
-1/-4	.1																		2	2	2		
0/-3																							
1/-2	.1																		2	2	4		
2/-1	.1																		1	1	1		
3/0																							
4/1																					1		
5/2																					1		
6/3																					1		
7/4																					1		
8/5																					1		
9/6																					1		
10/7																					1		
11/8																					1		
12/9																					1		
13/10																					1		
14/11																					1		
15/12																					1		
16/13																					1		
17/14																					1		
18/15																					1		
19/16																					1		
20/17																					1		
21/18																					1		
22/19																					1		
23/20																					1		
24/21																					1		
25/22																					1		
26/23																					1		
27/24																					1		
28/25																					1		
29/26																					1		
30/27																					1		
31/28																					1		
TOTAL	14.0	34.8	22.3	16.5	9.4	7.4	.9	.0										2640	2640	2640	2640		
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	12457919		177731		67.3		19.394		2640		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total
Dry Bulb	2580150		76406		28.9		11.822		2640		7.0		333.7										57
Wet Bulb	2050629		69124		25.9		10.532		2640		10.2		476.3										57
Dew Point	1295430		48538		18.4		12.358		2640		53.1		573.1										57

PSYCHROMETRIC SUMMARY

1244 WANTON, AAF 61

1-70, 73-79



STATION

STATION NAME

YEARS

MONTH

225.

7-11

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 1																		1	1																
1 / 2																		1	1																
1 / 3																		1	1																
1 / 4																		1	1																
1 / 5																		1	1																
1 / 6																		1	1																
1 / 7																		1	1																
1 / 8																		1	1																
1 / 9																		1	1																
1 / 10																		1	1																
1 / 11																		1	1																
1 / 12																		1	1																
1 / 13																		1	1																
1 / 14																		1	1																
1 / 15																		1	1																
1 / 16																		1	1																
1 / 17																		1	1																
1 / 18																		1	1																
1 / 19																		1	1																
1 / 20																		1	1																
1 / 21																		1	1																
1 / 22																		1	1																
1 / 23																		1	1																
1 / 24																		1	1																
1 / 25																		1	1																
1 / 26																		1	1																
1 / 27																		1	1																
1 / 28																		1	1																
1 / 29																		1	1																
1 / 30																		1	1																
1 / 31																		1	1																
1 / 32																		1	1																
1 / 33																		1	1																
1 / 34																		1	1																
1 / 35																		1	1																
1 / 36																		1	1																
1 / 37																		1	1																
1 / 38																																			

PSYCHROMETRIC SUMMARY

44 STATION	STATION NAME	58-71, 73-79 YEARS	48 MONTH
			1970-11 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
77.4	..	24.5	27.3	26.1	24.3	4.1	.7	.7										77.4	77.4		77.4													
Element (X)	X _{x'}	Z _x	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	3.3, 543	50607	65.4	16.934	774	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	115734	29239	37.8	8.270	774		25.0																											
Wet Bulb	716739	26.48	33.7	7.382	774		39.4																											
Dew Point	513627	20429	26.4	9.812	774	1.	64.6																											

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

4.244	STANTON AAF KS	65-70, 73-79	MAE
STATION	STATION NAME	YEARS	MONTH
			PAGE 1
			1968-1969
			HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
/ -1																								
- / -2																								
-1 / -10																								
7.1 10.0	2.1	5.4	12.9	24.5	24.5	16.0	1.6	3.5	1.0	.5									7.35		7.25			
																		7.75		7.75				
																					</			

66

66

4. A.

[illegible]

66

CAUTION
PAGE

YEARS

443

545

411

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4744	STANTON CAF AC
STATION	STATION NAME

68-72, 73-79

YEARS

452

MONTH

2425

74-2-22

PSYCHROMETRIC SUMMARY

4244	STANTON AAF 41
STATION	S

65-72, 73-79

A 3 1/2"

STATION

STATION NAME

YEARS

MONTH

2467 1

12-5-14.

HOURS 14. 5. 7.

PSYCHROMETRIC SUMMARY

272
MONTH

PAGE 2

1270-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
4 244	STATION AAF 40	65-70, 72-79	194

2000 1 10-17

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

207
MONTH

PAGE 15 3-17-77
HOURS (L. S. T.)

USAFETAC
FORMS
AUG 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION	STATION NAME
4244	STATION, AT

66-71, 73-79

YEARS

3

MONTI

9457

211

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4 244	STATION, IAF K1
STATION	STATION NAME

60-71, 73-79

YEARS

4 DAY
MONTH

PAGE 1

HOURS (L, S, T, J)

[illegible]

PSYCHROMETRIC SUMMARY

244
STAT

STANTON, JACOB

63-72, 73-79

YEARS

MONTH

24000

9-11

HOURS (L, S, T, I)

[illegible]

PSYCHROMETRIC SUMMARY

41244	STATION	STATION NAME
-------	---------	--------------

50-70, 73-74

YEARS

Y A Y
MONTH

2435 i

12-13
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
7 / 77																		1	1																
7 / 76													.1	.1				2	2																
7 / 75													.1	.1				2	2																
7 / 74													.1	.1				14	14																
7 / 73													.1	.1				24	24																
7 / 72													.1	.1				48	48																
7 / 71													.1	.1				48	48																
7 / 70													.1	.1				67	67																
7 / 69													.1	.1				74	74																
7 / 68													.1	.1				74	74																
7 / 67													.1	.1				74	74																
7 / 66													.1	.1				74	74																
7 / 65													.1	.1				74	74																
7 / 64													.1	.1				74	74																
7 / 63													.1	.1				74	74																
7 / 62													.1	.1				74	74																
7 / 61													.1	.1				74	74																
7 / 60													.1	.1				74	74																
7 / 59													.1	.1				74	74																
7 / 58													.1	.1				74	74																
7 / 57													.1	.1				74	74																
7 / 56													.1	.1				74	74																
7 / 55													.1	.1				74	74																
7 / 54													.1	.1				74	74																
7 / 53													.1	.1				74	74																
7 / 52													.1	.1				74	74																
7 / 51													.1	.1				74	74																
7 / 50													.1	.1				74	74																
7 / 49													.1	.1				74	74																
7 / 48													.1	.1				74	74																
7 / 47													.1	.1				74	74																
7 / 46													.1	.1				74	74																
7 / 45													.1	.1				74	74																
7 / 44													.1	.1				74	74																
7 / 43													.1	.1				74	74																
7 / 42																																			

PSYCHROMETRIC SUMMARY

2434 12-14-1941
MOORE (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

42244 STANTON AAF MO

65-72, 73-79

484

STATION

STATION NAME

YEARS

MONTH

PAGE 1

150-17
HOURS (.. 5. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4 244	STATION ABE A
STATION	STATION NAME

62-77, 73-77

YEARS

✓ A Y
MONTH

2455

15 MC-170
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

SEE FIRST PAGE

4-244	STATION	STATION NAME
		STATION NAME

62-73, 75-79

YEARS

V A Y
MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
31 / 51														.1				3	3					
32 / 52														.1				2	2					
33 / 53														.1				7	7					
34 / 54														.1				12	12					
35 / 55														.1				18	18					
36 / 56														.1				25	25					
37 / 57														.1				35	35					
38 / 58														.1				48	48					
39 / 59														.1				65	65					
40 / 60														.1				85	85					
41 / 61														.1				108	108					
42 / 62														.1				135	135					
43 / 63														.1				165	165					
44 / 64														.1				200	200					
45 / 65														.1				240	240					
46 / 66														.1				285	285					
47 / 67														.1				335	335					
48 / 68														.1				390	390					
49 / 69														.1				450	450					
50 / 70														.1				515	515					
51 / 71														.1				585	585					
52 / 72														.1				660	660					
53 / 73														.1				740	740					
54 / 74														.1				825	825					
55 / 75														.1				915	915					
56 / 76														.1				1010	1010					
57 / 77														.1				1110	1110					
58 / 78														.1				1215	1215					
59 / 79														.1				1325	1325					
60 / 80														.1				1440	1440					
61 / 81														.1				1560	1560					
62 / 82														.1				1685	1685					
63 / 83														.1				1815	1815					
64 / 84														.1				1950	1950					
65 / 85														.1				2090	2090					
66 / 86														.1				2235	2235					
67 / 87																								

54

SEE FIRST PAGE

MAY
MONTH

ALL
HOURS (L. S. T.)

USAFETAC FORM 0.26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

41244 STANTON AAF 46

66-77, 73-78

41

STATION

STATION NAME

YEARS

MONTH

2452 1

36"-38"-

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L. S. T. F.)

[illegible]

PSYCHROMETRIC SUMMARY

1244	STANTON, LAF
STATION	STATION NAME

55-70, 73-79

YEARS

MONTH

PAGE 1 100-14
HOURS (L. S.)

[illegible]

PSYCHROMETRIC SUMMARY

6 244
STATI

STATION SAF 43

65-77, 73-74

YEARS

MONTH

NO. 105	5
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[illegible]

PSYCHROMETRIC SUMMARY

244	STATION - AF 40
STATION	STATION NAME

4 - - 77, 78 - 79

YEARS

MONTH

• • • • •

41

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

44	STANTON AFB
STATION	STATION NAME

77-78, 79-80

YEARS

MONTH

2953

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
64		.1	.1	.2	.1	.3												14	14														
65		.1	.4	.2	.2	.1												14	14														
66		.1	.1	.1	.1	.1												14	14														
67		.1	.1	.1	.1	.1												14	14														
68		.1	.1	.1	.1	.1												14	14														
69		.1	.1	.1	.1	.1												14	14														
70		.1	.1	.1	.1	.1												14	14														
71		.1	.1	.1	.1	.1												14	14														
72		.1	.1	.1	.1	.1												14	14														
73		.1	.1	.1	.1	.1												14	14														
74		.1	.1	.1	.1	.1												14	14														
75		.1	.1	.1	.1	.1												14	14														
76		.1	.1	.1	.1	.1												14	14														
77		.1	.1	.1	.1	.1												14	14														
78		.1	.1	.1	.1	.1												14	14														
79		.1	.1	.1	.1	.1												14	14														
80		.1	.1	.1	.1	.1												14	14														
81		.1	.1	.1	.1	.1												14	14														
82		.1	.1	.1	.1	.1												14	14														
83		.1	.1	.1	.1	.1												14	14														
84		.1	.1	.1	.1	.1												14	14														
85		.1	.1	.1	.1	.1												14	14														
86		.1	.1	.1	.1	.1												14	14														
87		.1	.1	.1	.1	.1												14	14														
88		.1	.1	.1	.1	.1												14	14														
89		.1	.1	.1	.1	.1												14	14														
90		.1	.1	.1	.1	.1												14	14														
91		.1	.1	.1	.1	.1												14	14														
92		.1	.1	.1	.1	.1												14	14														
93		.1	.1	.1	.1	.1												14	14														
94		.1	.1	.1	.1	.1												14	14														
95		.1	.1	.1	.1	.1												14	14														
96		.1	.1	.1	.1	.1												14	14														
97		.1	.1	.1	.1	.1												14	14														
98		.1																															

PSYCHROMETRIC SUMMARY

41244 STANTON, GAF A)
STATION ST

63-73, 73-74

YEARS

✓ L
MONTH

2437

7-11
HOURS (L. S. T.)

[illegible]

54

YEARS

63-72, 73-79

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MONTH

W A S H I N G T O N

100-147

HOURS (L. S. T.)

USAFETAC
FORM
MAY 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

4244	STANTON AAF KS
STATION	STATION NAME

65-72, 73-79

YEARS

5 JUL
MONTH

PAGE 1

107-1707

HOURS (L, S, T, I)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

4 244 STATION AAF KD 65-77, 73-79 JUL MONTH
STATION NAME YEARS
PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		Dry Bulb	Wet Bulb	Dew Point				
57-79										.2	.1						4	4						
58-77							.1		.7	.2	.1						12	12						
59-75						.2	.1	.4	.2	.2		.1	.7	.1	.7		17	17						
60-73					.3	.5	.5	.5	.1	.2	.1	.1	.2				22	22						
61-71				.1	.7	.5	.4	.7	.1	.2							25	25						
62-69			.1	.5	1.3	1.3	.8	.2	.2	.2							134	134						
63-67		.1	.4	1.2	1.6	.7	.4	.3	.3								143	143	2					
64-65	.1	.5	2.3	2.4	1.6	.7	.7	.2	.3	.3	.3						245	245	13					
65-63	.6	2.1	4.6	2.2	1.3	1.2	.7	.2	.3	.3							328	342	27	2				
66-79	.1	1.1	2.8	3.7	1.3	1.4	.4	.5	.1								343	377	174	27				
67-77	.2	2.8	3.9	2.2	1.3	.6	.4	.2	.1								359	359	344	140				
68-75	2.7	3.3	3.3	1.5	.6	.3	.2										356	356	592	426				
69-73	2.7	3.1	1.8	1.3	.5	.1	.1										234	254	511	520				
70-71	1.6	2.7	1.7	.4	.4	.1											203	203	421	539				
71-69	.9	2.1	1.5	.2		.1											140	140	327	311				
72-67	.2	.6	.7	.1	.1	.1											53	53	223	238				
73-65	.2	1.5	.4	.1													56	66	136	246				
74-63	.1	.4	.3	.1													40	47	21	165				
75-61		.4	.2	.1													20	27	72	121				
76-59		.4	.1														17	17	30	101				
77-57		.1	.7														5	5	19	52				
78-55																			6	53				
79-53																		1	23					
80-51																				9				
81-49																				1				
TOTAL		19.5	19.5	16.4	11.5	9.5	6.3	4.5	1.7	1.1	.5	.2	.1	.1	.1		2964	2964	2954	2954				
Element (X)	ΣX'		ΣX		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature				Total							
Rel. Hum.	13264249		278379		76.9		15.519		2964		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb	16277127		231985		78.1		6.772		2964				706.9		607.4		324.1		15.3				744	
Wet Bulb	1568454		215167		72.6		4.714		2964				665.7		419.4		29.9						744	
Dew Point	14543263		236983		69.8		5.486		2964				552.7		287.4		3.5						744	

PSYCHROMETRIC SUMMARY

1244	STANTON AFB MO
STATION	STATION NAME

48-70, 73-79

YEARS

د ا ل ا
MONTH

2455 1

70 3-786
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
67/77		.3	.8	.3	.7													9	9							
71/77		.3	.8	1.5	.3													25	25	4	4					
75/77		.3	6.5	4.5	1.4	.4	.4											109	119	15	15					
79/77		4.4	6.7	4.4	.9	.7												172	132	11	8					
84/73		1.7	5.8	4.5	1.5	.1												143	143	142	131					
88/71		3.7	6.3	2.5	.5	.6	.4											108	108	175	115					
92/69		3.7	5.2	1.4	.9	.7	.1											93	93	172	115					
96/67		.5	2.9	1.9	.4	.4												48	48	54	54					
100/65		.3	3.5	1.1	1.	.1												12	52	43	73					
104/63		.1	3.2	1.5	.5	.1												44	44	54	45					
108/61		.4	1.5	.3	.1													18	18	42	47					
112/59		.1	.4															4	4	56	42					
116/57			.5															4	4	3	34					
120/55																				4	11					
124/53			.1															1	1	1	6					
128/51			.1															1	1	1	2					
132/49																					1					
TOTAL		4	43.3	24.1	8.5	2.3	.9											789	789	759	759					

PSYCHROMETRIC SUMMARY

4 244	STATION AAF 60
STATION	STATION NAME

65-77, 73-79

YEARS

ALL

MONTH

PAGE 1

77-5-11-

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

47244
STAT

STANTON AAF 40

65-72, 73-79

ADJ
MONTH

PAGE 1 1200-14
HOURS (1 - 5 - 1)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point												
32 / 57										.1	.3	.1	.1					1	1													
33 / 58										.1	.3	.1	.1					1	1													
34 / 59										.1	.3	.1	.1					1	1													
35 / 60										.1	.3	.1	.1					1	1													
36 / 61										.1	.3	.1	.1					1	1													
37 / 62										.1	.3	.1	.1					1	1													
38 / 63										.1	.3	.1	.1					1	1													
39 / 64										.1	.3	.1	.1					1	1													
40 / 65										.1	.3	.1	.1					1	1													
41 / 66										.1	.3	.1	.1					1	1													
42 / 67										.1	.3	.1	.1					1	1													
43 / 68										.1	.3	.1	.1					1	1													
44 / 69										.1	.3	.1	.1					1	1													
45 / 70										.1	.3	.1	.1					1	1													
46 / 71										.1	.3	.1	.1					1	1													
47 / 72										.1	.3	.1	.1					1	1													
48 / 73										.1	.3	.1	.1					1	1													
49 / 74										.1	.3	.1	.1					1	1													
50 / 75										.1	.3	.1	.1					1	1													
51 / 76										.1	.3	.1	.1					1	1													
52 / 77										.1	.3	.1	.1					1	1													
53 / 78										.1	.3	.1	.1					1	1													
54 / 79										.1	.3	.1	.1					1	1													
55 / 80										.1	.3	.1	.1					1	1													
56 / 81										.1	.3	.1	.1					1	1													
57 / 82										.1	.3	.1	.1					1	1													
58 / 83										.1	.3	.1	.1					1	1													
59 / 84										.1	.3	.1	.1					1	1													
60 / 85										.1	.3	.1	.1					1	1													
61 / 86										.1	.3	.1	.1					1	1													
62 / 87										.1	.3	.1	.1					1	1													
63 / 88										.1	.3	.1	.1					1	1													
64 / 89										.1	.3	.1	.1					1	1													
65 / 90										.1	.3	.1	.1					1	1													
66 / 91										.1	.3	.1	.1					1	1													
67 / 92										.1	.3	.1	.1					1	1													
68 / 93										.1	.3	.1	.1					1	1													
69 / 94										.1	.3	.1	.1					1	1													
70 / 95										.1	.3	.1	.1					1	1													
71 / 96										.1	.3	.1	.1					1	1													
72 / 97										.1	.3	.1	.1					1	1													
73 / 98										.1	.3	.1	.1					1	1													
74 / 99										.1	.3	.1	.1					1	1													
75 / 100										.1	.3	.1	.1					1	1													
76 / 101										.1	.3	.1	.1					1	1													
77 / 102										.1	.3	.1	.1					1	1													
78 / 103										.1	.3	.1	.1					1	1													
79 / 104										.1	.3	.1	.1					1	1													
80 / 105										.1	.3	.1	.1					1	1													
81 / 106										.1	.3	.1	.1					1	1													
82 / 107										.1	.3	.1	.1					1	1													
83 / 108										.1	.3	.1	.1					1	1													
84 / 109										.1	.3	.1	.1					1	1													
85 / 110										.1	.3	.1	.1					1	1													
86 / 111										.1	.3	.1	.1					1	1													
87 / 112										.1	.3	.1	.1					1	1													
88 / 113										.1	.3	.1	.1					1	1													
89 / 114										.1	.3	.1	.1					1	1													
90 / 115										.1	.3	.1	.1					1	1													
91 / 116										.1	.3	.1	.1					1	1													
92 / 117										.1	.3	.1	.1					1	1													
93 / 118										.1	.3	.1	.1					1	1													
94 / 119										.1	.3	.1	.1					1	1													
95 / 120										.1	.3	.1	.1					1	1													
96 / 121										.1	.3	.1	.1					1	1													
97 / 122										.1	.3	.1	.1					1	1													
98 / 123										.1	.3	.1	.1					1	1													
99 / 124										.1	.3	.1	.1					1	1													
100 / 125										.1	.3	.1	.1					1	1													
101 / 126										.1	.3	.1	.1					1	1													
102 / 127										.1	.3	.1	.1					1	1													
103 / 128										.1	.3	.1	.1					1	1													
104 / 129										.1	.3	.1	.1					1	1													
105 / 130										.1	.3	.1	.1					1	1													
106 / 131										.1	.3	.1	.1					1	1													
107 / 132										.1	.3	.1	.1					1	1													
108 / 133										.1	.3	.1	.1					1	1													
109 / 134										.1	.3	.1	.1					1	1													
110 / 135										.1	.3	.1	.1					1	1													
111 / 136										.1	.3	.1	.1					1	1													
112 / 137										.1	.3	.1	.1					1	1													
113 / 138										.1	.3	.1	.1					1	1													
114 / 139										.1	.3	.1	.1					1	1													
115 / 140										.1	.3	.1	.1					1	1													
116 / 141										.1	.3	.1	.1					1	1													
117 / 142										.1	.3	.1	.1					1	1													
118 / 143										.1	.3	.1	.1					1	1													
119 / 144										.1	.3	.1	.1					1	1													
120 / 145										.1	.3	.1	.1					1	1													
121 / 146										.1	.3	.1	.1					1	1													
122 / 147										.1	.3	.1	.1					1	1													
123 / 148										.1	.3	.1	.1					1	1													
124 / 149										.1	.3	.1	.1					1	1													
125 / 150										.1	.3	.1	.1					1	1													
126 / 151										.1	.3	.1	.1					1	1													
127 / 152										.1	.3	.1	.1					1	1													
128 / 153										.1	.3	.1	.1					1	1													
129 / 154										.1	.3	.1	.1					1	1													
130 / 155										.1	.3	.1	.1					1	1													
131 / 156										.1	.3	.1	.1					1	1													
132 / 157										.1	.3	.1	.1					1	1													
133 / 158										.1	.3	.1	.1					1	1													
134 / 159										.1	.3	.1	.1					1	1													
135 / 160										.1	.3	.1	.1					1	1													
136 / 161										.1	.3	.1	.1					1	1													
137 / 162										.1	.3	.1	.1					1	1													
138 / 163										.1	.3	.1	.1					1	1													
139 / 164										.1	.3	.1	.1					1	1													
140 / 165																																

66

PSYCHROMETRIC SUMMARY

A 100%

MONTH

15-119

USAFETAC
FORM 0-26-5 (OLA)
JUN 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

W. T. B. 100.000
PAGE

2 44	STANTON AAF KS
STATION	STATION NAME

68-77, 78-79

YEARS

4.25
MONTH

2455 1

ALL
HOURS (L.S.)

[illegible]

PSYCHROMETRIC SUMMARY

4 244	STANTON AFB MO
STATION	STATION NAME

52-71, 73-79

YEARS

53
MONTH

2531

760-16
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4244	STANTON AFB K.
STATION	STATION NAME

65-72, 73-79

YEARS

1. 2

MONTH

5452

77-11-
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7 244	STANTON AF 40	68-70, 73-76	12
STATION	STATION NAME	YEARS	MONTH
			12-14
			HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
144	STATION 144	64-70, 73-75	1970-1971
			HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

4244	STANIS. AAF
STATION	STATION NAME

62-71, 73-77

YEARS

MONTH

2455 1

1998

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

41244	STANTON AAF KS
STATION	STATION NAME

48-72, 73-75

YEARS

59
MONTH

2822

HOURS (L. S. T.)

[illegible]

64

YEARS

STATION 44F 43

65-7 , 73-79

51 MONTH

243-

1270-1452
HOURS (L-S-T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

43244 STANTON AFB KS 68-70,73-79 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 15-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
61 / 41						.1	.1	.7	.4	.3								12	12				
61 / 74								.1	.6									5	5				
70 / 77						.4	.1	.4	1.0	.7	.2							21	21				
61 / 75					.1	.3	1.3	2.8	1.5	.3								43	43				
74 / 77				.4	.4	.7	1.3	1.4	.7	.5	.1							42	42				
70 / 71					.2	1.3	1.9	2.4	1.0	.1	.1							51	51	1			
71 / 66			.4	.4	2.2	2.2	2.9	3.8	1.0	1.0	.1							55	96	3			
61 / 67			.5	.4	1.5	2.1	1.3	.7	.9	.4								54	54	14	1		
65 / 66		.1	.1	1.2	2.1	1.8	2.2	1.4	.4									65	65	12	1		
64 / 62			.3	1.3	1.3	3.1	2.6	2.5	1.0	.3								21	21	44	1		
71 / 61		.1	.1	1.9	1.3	2.2	1.0	1.2	.4									58	58	75	17		
71 / 59			.7	1.2	1.3	1.8	.7	.9	.3									44	44	68	15		
61 / 67		.5	.1	.3	.6	1.6	.3	.6										25	29	108	25		
61 / 65		.4		.1	1.0	1.0	.4	.1										32	23	77	35		
41 / 62		.1			1.2	.7												13	13	53	56		
61 / 51			.4	.7	.1													9	9	77	69		
61 / 46		.1			.7	.7												11	11	39	56		
40 / 47		.1			.4	.1												5	5	35	62		
40 / 46		.1		.1		.1												3	3	29	60		
41 / 42		.1					.1											2	2	17	38		
40 / 41				.1	.3	.1												4	4	5	44		
61 / 39					.1													1	1	3	40		
30 / 77																				2	24		
30 / 35																				2	35		
74 / 73																				2	27		
61 / 71																				2	12		
61 / 24																					4		
65 / 27																					14		
65 / 25																					17		
24 / 23																					5		
72 / 21																					1		
15 / 17																					1		
10 / 15																					1		
10 / 11																					2		
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

51
MONTH

PAGE 2

15-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
12		2.1	2.5	2.8	3.1	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0			
																		6.1	5.1	4.5	3.8			

PSYCHROMETRIC SUMMARY

4 244 STANTON AAF MO

68-72, 73-79

USE WITH CAUTION

2007

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
61 / 61																		16	16					
62 / 62																		13	13					
63 / 63																		31	31					
64 / 64																		72	72					
65 / 65																		90	90					
66 / 66																		98	98					
67 / 67																		201	201					
68 / 68																		121	121					
69 / 69																		132	132					
70 / 70																		295	295					
71 / 71																		203	203					
72 / 72																		219	219					
73 / 73																		180	180					
74 / 74																		180	180					
75 / 75																		142	142					
76 / 76																		111	111					
77 / 77																		123	123					
78 / 78																		111	111					
79 / 79																		118	118					
80 / 80																		82	82					
81 / 81																		90	90					
82 / 82																		63	63					
83 / 83																		53	53					
84 / 84																		36	36					
85 / 85																		22	22					
86 / 86																		12	12					
87 / 87																		14	14					
88 / 88																		3	3					
89 / 89																		1	1					
90 / 90																								
91 / 91																								
92 / 92																								
93 / 93																								
94 / 94																								
95 / 95																								
96 / 96																								
97 / 97																								

PSYCHROMETRIC SUMMARY

4244	STANTON AFB MO
STATION	STATION NAME

63-77, 73-79

YEARS

OCT
MONTH

2435

ALL
HOURS (L S T)

[illegible]

PSYCHROMETRIC SUMMARY

244	STANTON AAF AC
STATION	STATION NAME

64-72, 73-74

YEARS

NOV
MONTH

PAGE 1

7670-03-1
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
47 / 27		.4																2	7				
46 / 26																							
45 / 25																							
44 / 24		.1			.1													2	3				
43 / 23	.3	.3	.1	.3														7	7	3			
42 / 22	.3	.1	1.1	.3	.1													14	14				
41 / 21	.3	.6	.9	.1														13	13	4	4		
40 / 20		1.4	.7	.1														16	16	21			
39 / 19	.3	2.3	1.1	.4														31	31	25	19		
38 / 18	1.3	5.1	1.3															32	32	43	38		
37 / 17	1.7	2.4	.1	.1														31	31	51	43		
36 / 16	1.7	1.9	1.1															33	33	35	37		
35 / 15	1.5	4.3	.6	.1	.3													46	46	23	3		
34 / 14	2.9	2.3	.1	.3														39	39	33	17		
33 / 13	2.3	4.4	1.3	.1														37	37	45	41		
32 / 12	1.6	5.5	1.4	.3														58	58	32	38		
31 / 11	1.5	1.7	.7															38	39	49	34		
30 / 10	1.4	3.2	.9	.1														44	44	32	41		
29 / 9	.1	3.9	.3															51	51	46	38		
28 / 8	1.6	2.7	.4															33	33	34	35		
27 / 7	1.7	4.7	.4															48	48	37	4		
26 / 6	1.9	2.4																35	35	44	31		
25 / 5	2.9	1.4																35	35	38	47		
24 / 4	1.6	1.4	.7															19	19	17	41		
23 / 3	.1	1.1	.1															17	17	14	25		
22 / 2		.1																1	1	6	28		
21 / 1																					14		
20 / 0	.4																	3	3	3	11		
19 / -1	.1																	1	1	1			
18 / -2																							
17 / -3																							

Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

PAGE 2 25 - 28.
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

41244 STATION 1AF KD 68-70, 73-79 YEARS MONTH

PAGE 1 1968-1969
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
57-58		.1																1		1				
54-57			.1	.1														7		7		1		
51-54			.1	.1														4		4				
48-51			.1	.1	.3	.3												5		5				
45-48		.3	.5	.5	1.1		.1											19		19				
42-45	.1	.1	1.5	1.4	.5													23		23				
39-42	.3	1.4	2.6	1.2	.4	.1												44		44	12			
36-39		.5	2.3	.7	.3													33		33	73			
33-36		2.5	1.9	1.7	.4	.4												45		45		11		
30-33	.5	2.1	1.9	1.1	.1	.1												42		43		33		
27-30	.1	3.6	1.9	1.5	.5	.1												37		37	14	45		
24-27	.1	2.3	1.8	1.4			.1											45		44		61		
21-24	.7	1.9	1.9	1.7	.1	.4												44		44		17		
18-21	.1	2.9	.7	1.9	.4													44		44		37		
15-18	.1	1.3	1.2	1.9	.7													42		42	47	27		
12-15	.1	2.3	3.4	1.4	.5													35		35	23	45		
9-12	.1	1.2	2.3	1.1	.1													40		40	52	35		
6-9	.4	2.3	1.1	1.1	.3													25		25	35	30		
3-6	.4	1.5	1.7	1.7	.7													27		27	45	35		
0-3	1.1	2.5	1.5	.4														42		42	75	17		
-3-0	.1	1.2	.5	.1														15		15	45	11		
-6-3		1.1	.7	.1														14		14	75	5		
-9-6	.4	.5	.1	.1														9		9	17	31		
-12-9		.5	.1	.1														5		5	5	15		
-15-12			.7	.1														3		3	4	20		
-18-15		.1																				27		
-21-18																		1		1	4	14		
-24-21	.1																	1		1	1	11		
-27-24																						11		
-30-27																						4		
-33-30																						7		
-36-33																						1		
-39-36																						1		
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.													≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

MONTH

240-111
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-1 / -7																								
-2 / -8																								
TOTAL	.54	.37	1.1	1.7	2.4	3.1	3.7	4.3	4.9	5.5	6.1	6.7	7.3	7.9	8.5	9.1	9.7	10.3	10.9	11.5	12.1			

PSYCHROMETRIC SUMMARY

1-244	STANTON SAF AD
STATION	STATION NAME

62-72, 73-74

YEARS

428

MONTH

0425 1

1 - 14
HOURS 14.5 - 1.1

[illegible]

PSYCHROMETRIC SUMMARY

YEARS.

40
MONTH

DATE 12-10-14
HOURS (L. S. T.)

[illegible]

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4244 STANTON AAF KS 58-75, 73-79
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS L S T

[illegible]

PSYCHROMETRIC SUMMARY

4 244	STANTON AAF KS
STATION	ST

68-72, 73-79

424

PAGE 7 1570-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

41244	STANTON AAF KC
STATION	S

65-72, 73-79

YEARS

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
47 / 71						.1	.1			.1								3	7																
48 / 71						.1	.1			.1								3	7																
49 / 69					.1	.1	.1	.1	.1	.1								11	11																
50 / 67					.1	.1	.1	.1	.1	.1								7	7																
51 / 65		.1		.1	.1	.1	.1	.1	.1	.1								11	11																
52 / 63		.1	.2	.1	.2	1.1	.2	.3										19	16	5															
53 / 61		.1	.1	.4	.2	.6	.4											79	74	11	7														
54 / 59		.2	.3	.7	1.5	.8	.4	.1										105	104	12	1														
55 / 57	.1	.4	.5	1.3	.9	.9	.7	.2										118	118	14	11														
56 / 55	.1	.8	.8	1.7	.8	.7	.1	.1										137	137	67	16														
47 / 53	.1	.8	1.5	.8	.9	.6	.3											109	109	124	20														
48 / 51	.1	.4	1.5	1.2	.5	.6	.2											125	125	148	41														
49 / 49	.1	1.1	1.7	.3	.5	.7	.3	.1										136	136	142	51														
50 / 47	.2	1.4	1.2	1.3	1.1	.6	.2	.1										150	150	155	102														
46 / 45	.4	2.5	1.1	1.2	.7	.8	.2											153	143	147	210														
44 / 43	.7	1.4	.8	1.2	.5	.7	.2											152	152	142	175														
42 / 41	.5	1.1	1.5	.9	.2	.8	.1											159	159	145	173														
40 / 39	.5	2.1	1.7	1.1	1.4	.1												171	171	155	133														
38 / 37	.8	1.2	.5	1.5	.4	.1												155	155	125	124														
36 / 35	.7	2.2	2.3	1.2	.3													163	163	153	151														
34 / 33	.7	1.9	1.2	.8	.4	.0												139	139	142	120														
32 / 31	.5	1.1	.5	.7	.1													81	81	224	130														
30 / 29	.5	1.7	.9	.5	.1													103	103	122	144														
28 / 27	1.1	1.7	.7	.3	.2													102	102	117	175														
26 / 25	.4	1.3	.3	.2														54	54	26	121														
24 / 23	.4	1.5	.3	.1														63	63	74	144														
22 / 21	.5	.9	.3	.1														40	40	66	115														
20 / 19	.7	.5	.2	.2														36	36	51	111														
18 / 17	.5	.4	.1	.1														22	22	23	107														
16 / 15	.3	.3	.2															10	10	17	75														
14 / 13	.1	.1	</td>																																

25

U.S. DEPT. OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS

62-70, 73-79

YEARS

NOV
MONTH

PAGE 2

411

HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 84
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

761J-221
HOURS 11-5-7

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
32 / 61		.1																1	1						
31 / 60	.1	.4																4	4	4					
30 / 49	.7	.4	.1															9	9	9	7				
29 / 48	.3	1.1	.4	.1														16	16	8					
28 / 47	.9	2.0	.4	.1														26	26	19	1				
27 / 46	.4	1.9	.3		.2													21	21	22	1				
26 / 35	1.1	1.5	.4															20	22	21	22				
25 / 37	1.3	1.3	.5															24	24	24					
24 / 36	.7	2.9	.3															29	29	30	2				
23 / 33	1.1	3.0	.7	.4														43	43	39	16				
22 / 31	1.6	3.3	.3															29	39	44	2				
21 / 30	1.5	6.0																59	26	35	46				
20 / 27	3.3	2.8	.3															48	48	53	55				
19 / 25	1.6	2.9	.1															35	25	38	31				
18 / 23	2.1	5.2	.4															58	58	42	39				
17 / 21	2.5	3.7	.3															17	27	32	37				
16 / 19	2.4	3.4	.1															45	45	52	45				
15 / 17	2.3	3.5	.3															46	46	51	39				
14 / 15	.5	2.9	.1															27	27	31	31				
13 / 13	1.1	2.9	.1															30	22	37	21				
12 / 11	2.0	2.0	.1															37	37	38	2				
11 / 9	.9	2.3																39	30	44	42				
10 / 7	.4	.3																5	5	5	26				
9 / 5	1.1	.4																11	11	9	27				
8 / 3	.2	.1																7	7	9	23				
7 / 1	1.2																	9	9	10	9				
6 / -1	.4																	3	3	3					
5 / -3	.4																	3	3	3					
4 / -5																					11				
3 / -7	.7																	2	2	2	4				
2 / -9	.1																	1	1	1	1				
1 / -11																					1				
0 / -13																					1				
-1 / -15																									

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

66

PSYCHROMETRIC SUMMARY

JEC

PAGE 2 2500-0800
HOURS (L. S. T.)

USAFETAC
FORM
AUG 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

40244 STANTON AFB MO 66-70,73-79 YEARS DEC
STATION STATION NAME MONTH
PAGE 1 1970-11
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
50 / 55		.1		.1														2	2															
49 / 54			.1		.1													2	2															
48 / 53		.3	.5	.1														7	7														1	
47 / 52	.1	.9	.7															11	11														1	
46 / 51	.1	1.1	.4		.1													13	13														7	
45 / 50	.5	1.2	.8	.7	.1	.1												26	26														17	
44 / 49	.3	1.5	.7	.7	.4													27	27														13	
43 / 48	.3	1.1	1.1	.5	.1													23	23														13	
42 / 47	.9	2.1	1.2	.3														34	34														21	
41 / 46	.7	1.9	.9	.5	.1													31	31														15	
40 / 45	1.1	4.7	3.7	.3														73	73														31	
39 / 44	.8	2.8	1.9	.5														43	43														31	
38 / 43	.9	3.2	1.1	.3														41	41														33	
37 / 42	.8	3.1	2.2	.5														54	54														42	
36 / 41	.8	3.3	1.5	.5														44	44														37	
35 / 40	1.6	4.2	1.7	.5														59	59														32	
34 / 39	1.5	4.7	2.3															63	63														47	
33 / 38	.4	2.9	2.1															41	41														42	
32 / 37	.4	3.7	1.2															43	43														35	
31 / 36	.5	3.7	.9	.1														40	40														40	
30 / 35	.7	2.3	.3															23	23														34	
29 / 34	.4	2.3																18	18														31	
28 / 33	.7	.7																10	10														47	
27 / 32	.4	.3	.1															6	6														47	
26 / 31	.6	.3																5	5														26	
25 / 30	.4	.4																3	3														29	
24 / 29	.7	.3																4	4														19	
23 / 28		.1																1	1														7	
22 / 27																																		4
21 / 26																																		1
20 / 25																																		1
19 / 24																																		1
18 / 23																																		1
17 / 22																																		1
16 / 21																																		1
15 / 20																																		1
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9 / 14																																		1
8 / 13																																		1
7 / 12																																		1
6 / 11																																		1
5 / 10																																		1
4 / 9																																		1
3 / 8																																		

USAFETAC FORM 0-26-5 (OLAI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

43244	STANTON AAF KS
STATION	STATION NAME

65-72, 73-79

YEARS

JEC
MONTH

PAGE 2

1900-110
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4 244	STATION	STATION NAME	63-70, 73-79	YEARS	DEC	MONTH	1300-1400	HOURS (L. S. T.)
-------	---------	--------------	--------------	-------	-----	-------	-----------	------------------

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
-14/-10																																		
-1/-2																																		
+1/+3																																		
TOTAL	1.2	18.1	34.8	32.1	10.7	1.8	.3												67.0		67.0	67.0												
														</																				

PSYCHROMETRIC SUMMARY

4244	STANTON AAF K1
STATION	STATION NAME

65-7, 73-79

YEARS

MONTH

PAGE 14-17
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

4-244	STATION AAF KL
STATION	STATION NAME

67-72, 73-79

YEARS

MONTH

2463-1

42

HOURS (L, S, T)

[illegible]

USE WITH SECTION
SLE FIRST PAGE

63-7, 73-8.

YEARS

211

MONTH

34537

• • •

ALL
HOURS (L. S, T.)

[illegible]

0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

47244 STANTON AAF MO

63-70,73-80

HRZ	STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5-03	MEAN	17.7	20.7	30.1	43.7	54.2	63.7	72.0	71.9	60.5	46.4	34.3	24.9	45.3		
	S.D.	11.588	11.619	7.704	7.895	6.194	4.938	4.555	4.705	7.532	8.154	10.212	11.216	20.623		
	TOTAL OBS	717	674	720	718	744	715	746	789	717	720	700	755	8715		
4-11	MEAN	22.3	26.4	37.8	53.5	64.0	71.1	77.6	78.4	69.0	56.2	41.0	29.3	52.7		
	S.D.	10.022	10.209	8.277	6.943	6.051	5.213	5.067	4.427	5.362	7.574	10.025	10.264	20.968		
	TOTAL OBS	771	721	774	768	804	794	792	816	745	762	726	750	9213		
10-14	MEAN	30.2	33.8	44.7	59.8	70.0	76.3	81.3	82.9	75.0	64.3	48.7	36.4	59.1		
	S.D.	9.035	9.394	9.109	7.804	7.074	6.157	5.911	5.148	5.723	7.364	10.213	9.804	19.965		
	TOTAL OBS	705	646	736	717	737	720	734	732	683	718	673	670	8481		
14-17	MEAN	32.5	36.0	46.5	61.5	71.6	78.0	82.4	84.1	77.1	65.8	49.9	38.0	60.9		
	S.D.	8.360	9.216	9.143	8.271	7.693	6.105	6.143	5.861	5.973	7.410	9.574	9.575	19.696		
	TOTAL OBS	641	599	676	668	686	681	692	677	641	681	628	600	7870		
	MEAN															
	TOTAL OBS															
	MEAN															
	TOTAL OBS															
	MEAN															
	TOTAL OBS															
	MEAN															
	TOTAL OBS															
ALL HOURS	MEAN	25.2	28.9	39.7	54.5	64.8	72.2	78.2	79.1	70.3	58.0	43.2	31.7	54.3		
	S.D.	11.482	11.822	10.687	10.368	9.565	7.867	6.772	6.932	9.120	10.801	11.810	11.555	21.232		
	TOTAL OBS	2834	2640	2906	2881	2971	2900	2964	3014	2786	2881	2727	2775	34279		



USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

40244 STANTON AAF MO

68-70, 73-80

STATION NAME		YEARS												
HRS	LOC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
6-09	MEAN	16.3	19.8	28.4	41.2	51.2	61.2	69.9	69.8	58.9	45.1	33.0	23.9	43.6
	S.D.	13.745	11.324	7.338	7.325	5.736	4.952	4.811	4.945	7.359	7.898	9.918	10.980	20.092
	TOTAL OBS	717	674	720	718	744	715	746	789	717	720	700	755	8715
9-11	MEAN	20.6	24.2	33.7	46.8	56.2	64.6	72.5	73.0	63.9	51.5	37.7	27.3	48.1
	S.D.	9.665	9.830	7.382	6.166	4.679	4.366	4.431	4.151	5.888	7.069	9.667	9.958	19.441
	TOTAL OBS	771	721	774	768	804	784	792	816	745	762	726	750	9213
12-14	MEAN	26.3	29.3	37.7	49.6	58.5	66.2	73.8	74.4	65.9	54.7	42.1	32.1	51.3
	S.D.	8.578	8.621	7.524	6.111	4.859	4.406	4.347	3.882	5.417	6.554	9.374	9.332	17.830
	TOTAL OBS	705	646	736	727	737	720	734	732	683	718	673	670	8481
15-17	MEAN	28.3	30.8	38.9	50.5	59.1	67.0	74.3	74.8	66.3	55.2	42.8	33.2	52.3
	S.D.	7.925	8.167	7.335	6.094	5.036	4.344	3.975	3.821	5.380	6.420	8.693	9.149	17.358
	TOTAL OBS	641	599	675	668	686	681	692	677	641	680	628	600	7868
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	22.7	25.8	34.6	47.0	56.2	64.7	72.6	72.9	63.6	51.6	38.8	26.8	48.7
	S.D.	10.443	10.532	8.422	7.378	5.949	5.034	4.714	4.668	6.755	8.062	10.224	10.606	19.062
	TOTAL OBS	2834	2640	2905	2881	2971	2900	2964	3014	2786	2880	2727	2775	34277

USAFETAC FORM 0.895 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

48244 STANTON AAF MO

68-70,73-80

STATION		STATION NAME												YEARS	
HRS	TYPE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
5-75	MEAN	12.5	16.7	24.6	37.9	48.5	59.3	68.7	68.6	57.7	43.8	30.5	20.8	41.1	
	S.D.	12.007	12.975	8.981	8.066	6.455	5.649	5.397	5.566	7.622	8.164	11.113	12.495	21.340	
	TOTAL OBS.	717	674	722	718	744	715	746	789	717	720	700	755	8715	
7-11	MEAN	14.6	17.9	26.4	39.1	49.6	60.3	70.0	70.2	60.5	46.9	32.5	22.2	42.9	
	S.D.	11.854	12.508	9.812	9.102	7.053	5.944	5.319	5.428	7.181	8.706	12.091	12.325	21.323	
	TOTAL OBS.	771	721	774	768	804	784	792	816	745	762	726	750	9213	
11-14	MEAN	16.8	19.7	26.8	38.4	48.9	59.8	70.2	70.3	59.6	45.9	33.3	23.7	43.2	
	S.D.	12.296	11.942	10.032	10.124	8.271	6.607	5.583	5.662	7.733	9.368	12.453	12.786	20.765	
	TOTAL OBS.	705	646	736	727	737	720	734	732	683	718	673	670	8481	
15-17	MEAN	18.5	20.3	27.5	38.5	48.8	60.2	70.4	70.4	59.4	45.5	33.5	24.2	43.7	
	S.D.	11.880	11.382	9.737	10.097	8.754	6.847	5.508	5.759	8.048	9.142	11.733	12.657	20.391	
	TOTAL OBS.	641	599	675	668	686	681	692	677	641	680	628	600	7868	
ALL HOURS	MEAN														
	S.D.														
	TOTAL OBS.														
ALL HOURS	MEAN	15.5	18.4	26.3	38.5	49.0	59.9	69.8	69.9	59.3	45.6	32.4	22.6	42.7	
	S.D.	12.207	12.358	9.708	9.375	7.660	6.275	5.486	5.646	7.698	8.917	11.909	12.618	21.000	
	TOTAL OBS.	2834	2640	2905	2881	2971	2900	2964	3014	2786	2880	2727	2775	34277	



USAFETAC FORM 0.89.5 (OLA)

RELATIVE HUMIDITY

JAN

MONTH

FORM
115.64

0-87-5 (OL A)

JOINT SCIENTIFIC BRANCH
OF THE
U.S. AIR FORCE
WEATHER SERVICE/AFM

RELATIVE HUMIDITY

1044 STANTON TAF 40

69-70, 71-72

FE9

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
69-70												
71-72												
73-74		100.0	100.0	99.9	99.1	97.9	95.5	92.7	87.1	81.4	77.3	674
75-76		100.0	100.0	99.7	98.3	95.8	91.1	84.9	74.4	61.9	51.8	731
77-78		100.0	99.6	98.5	95.6	92.4	87.3	80.9	71.8	60.3	50.1	648
79-80		100.0	99.8	98.7	96.0	92.9	87.9	81.5	72.7	60.7	50.3	599
81-82												
83-84												
85-86												
87-88												
89-90												
91-92												
TOTALS		100.0	99.9	98.4	95.5	92.4	87.3	80.9	71.8	60.3	50.1	2640

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

43

MONTH

FORM
JUL 64

RELATIVE HUMIDITY

44 52572A 195 x

6-7, 77-79

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STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]**USAFETAC**

FORM
JUL 64

0-87.5 (OL A)

RELATIVE HUMIDITY

44

MONTH

USAFETAC FORM 0-87-5 (OL A)

U.S. AIR FORCE
 WASHINGTON, D.C.
 FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION: WASHINGTON, D.C. PERIOD: 00-70, 71-79 MONTH: JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	1-3											
	4-6											
	7-9	100.0	100.0	100.0	99.9	99.8	97.8	91.0	78.7	60.7	40.0	710
	10-11	100.0	100.0	99.8	97.4	92.4	75.8	49.7	24.2	4.7	30.1	794
	12-14	100.0	100.0	99.7	96.7	95.7	81.4	61.4	11.9	4.7	38.7	720
	15-17	100.0	100.0	99.7	93.4	83.1	33.9	13.9	1.9	4.0	31.0	691
	18-20											
	21-23											
	24-26											
	27-29											
	30											
TOTALS		100.0	100.0	99.7	91.9	77.7	30.0	40.0	11.0	10.0	37.0	300

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
STANTON AAF, TONGSO RI, KOREA. REVISED UNIFORM SUMMARY OF SURFA--ETC
MAR 81

USAFETAC/DS-81/046

SBIE-AD-E850 074

24

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END
DATE
FILMED
7-81
DTIC

1. JAL CLIMATE DATA
 2. JAL CLIMATE DATA
 3. JAL CLIMATE DATA

RELATIVE HUMIDITY

STATION NAME: JAL CLIMATE DATA

PERIOD: 01-01-73-12-31-73

MONTH: JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01-01											
	01-02											
	01-03	100.0	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	740
	01-04	100.0	100.0	100.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	792
	01-05	100.0	100.0	99.7	97.4	95.9	93.0	89.9	86.7	83.0	79.4	734
	01-06	100.0	100.0	99.7	96.1	93.0	89.9	86.7	83.0	79.4	75.0	681
	01-07											
	01-08											
	01-09											
	01-10											
	01-11											
	01-12											
	01-13											
	01-14											
	01-15											
	01-16											
	01-17											
	01-18											
	01-19											
	01-20											
	01-21											
	01-22											
	01-23											
	01-24											
	01-25											
	01-26											
	01-27											
	01-28											
	01-29											
	01-30											
	01-31											
	TOTALS	100.0	100.0	99.7	97.4	95.9	93.0	89.9	86.7	83.0	79.4	7914

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

436

MONTH

0-87-5 (OL A)

RELATIVE HUMIDITY

50-75, 77-79

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STATION

STATION NAME

PERIOD

MONTH

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

151

MONTH

USAFETAC FORM 0-87.5 (OL A)
JUL 64

RELATIVE HUMIDITY

424

MONTH

0-87-5 (OL A)

RELATIVE HUMIDITY

376

MONTH

0-87-5 (OL A)

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

RELATIVE HUMIDITY

41144 STANTON AFB MO

64-71,72-73

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	99.7	99.4	98.7	97.4	95.4	92.8	89.3	85.7	1134
FEB		100.0	99.9	99.4	97.8	94.6	91.2	84.8	76.8	68.3	58.8	1141
MAR		100.0	99.8	99.1	97.5	94.3	90.9	86.7	80.3	72.4	63.1	1155
APR		100.0	99.2	98.0	95.5	92.7	88.4	83.1	76.8	70.5	63.7	1161
MAY		100.0	98.9	97.7	95.2	92.3	88.0	82.5	76.1	70.2	64.1	1171
JUN		100.0	100.0	99.7	98.9	97.7	95.0	91.5	87.1	81.7	77.7	1171
JUL		100.0	100.0	99.4	98.4	97.3	95.6	94.0	91.7	89.4	86.1	1164
AUG		100.0	100.0	99.6	97.6	95.4	92.7	89.1	85.2	81.7	78.1	1114
SEP		100.0	100.0	99.5	97.6	95.4	92.4	88.4	84.7	81.5	78.3	1156
OCT		100.0	99.5	97.3	95.0	92.4	89.0	84.4	81.0	77.5	74.5	1151
NOV		100.0	100.0	99.1	97.1	94.3	92.3	88.7	84.7	81.4	78.7	1137
DEC		100.0	99.3	94.7	90.4	84.1	78.6	70.2	62.1	55.9	51.4	1171
TOTALS		100.0	99.7	95.9	89.5	76.9	62.1	46.7	31.5	18.1	57.6	11277

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

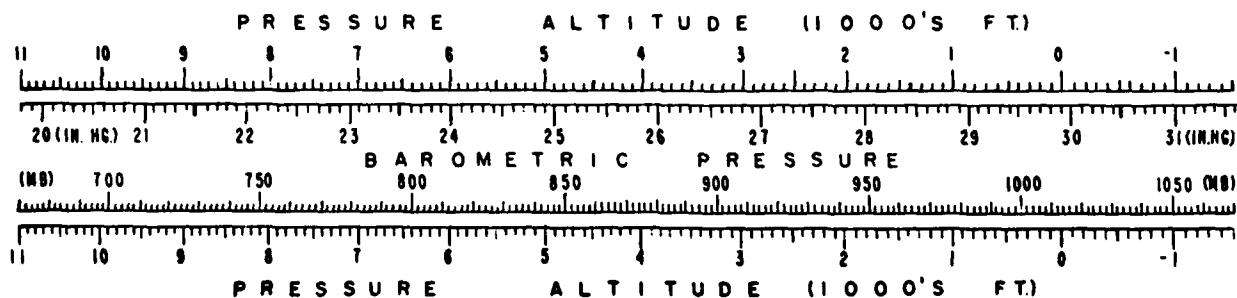
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

USE WITH CAUTION
STATION PRESSURE IN INCHES Hg FROM HOURLY OBSERVATIONS

41244 STANTON AAF KO

68-70,73-80

STATION	STATION NAME	YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
41244	STANTON AAF KO	68-70,73-80													
MEAN															
STDEV															
TOTAL OBS															
MEAN															
STDEV															
TOTAL OBS															
MEAN	30.12630	30.10030	30.03029	29.91929	29.78929	29.69129	29.64329	29.67329	29.85330	30.01430	30.13930	30.153	29.925		
STDEV	.146	.176	.152	.161	.135	.134	.117	.142	.123	.153	.158	.146	.236		
TOTAL OBS	209	195	205	212	214	207	222	246	228	222	223	238	2621		
MEAN	30.15930	30.13130	30.06229	29.92929	29.80729	29.70129	29.66229	29.70229	29.87230	30.05030	30.15830	30.175	29.946		
STDEV	.152	.179	.153	.161	.150	.137	.120	.142	.125	.150	.156	.147	.240		
TOTAL OBS	258	241	257	253	268	262	264	273	250	251	243	256	3076		
MEAN	30.14430	30.12130	30.04229	29.91329	29.78929	29.68629	29.65629	29.69129	29.85730	30.03030	30.13630	30.155	29.930		
STDEV	.156	.176	.154	.153	.148	.133	.119	.144	.121	.147	.157	.150	.237		
TOTAL OBS	253	237	268	263	267	260	265	268	248	262	243	251	3085		
MEAN	30.09030	30.06629	29.99229	29.86429	29.74329	29.64929	29.62729	29.66229	29.81929	29.98430	30.09330	30.108	29.886		
STDEV	.157	.171	.152	.141	.139	.127	.119	.146	.110	.143	.153	.143	.229		
TOTAL OBS	229	200	227	224	231	229	235	227	216	229	212	202	2657		
MEAN															
STDEV															
TOTAL OBS															
MEAN	30.13130	30.10730	30.03329	29.90729	29.78329	29.68229	29.64829	29.68429	29.85130	30.02030	30.13230	30.150	29.923		
STDEV	.155	.177	.154	.156	.145	.134	.119	.144	.122	.150	.157	.148	.237		
TOTAL OBS	945	973	957	952	980	958	986	1014	942	964	921	947	11439		

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